

Digitized by the Internet Archive in 2016

https://archive.org/details/greenscene3916edpr





The 2010 Garden Photo Contest Winners

The Garden of Anne Stookey

Wild Dicentras

THINKING Outside the Pot



The new 2011 Forester is your wheelbarrow, garden shed and greenhouse all rolled into one. Built in a zero landfill plant, it comes with Symmetrical All-Wheel Drive standard and has won more awards than any other small SUV.* Just a few reasons why it's both gardener- and Mother Nature-approved. **Love. It's what makes a Subaru, a Subaru.**



Forester.® Wall-unuipped at \$20,495†

Hative awards won 197 Ben Trucks), Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Man Manfeet and Editor's Manfeet and All Park 1971) Ben Trucks). Ednit in soom (Editor's Manfeet and Editor's Manfeet and



DRESENTS

SPRINGTIME IN PARIS PHILADELPHIA INTERNATIONAL FLOWER SHOW

TO BENEFIT THE PENNSYLVANIA HORT WITURAL SOCIETY

TO BENEFIT

PHS

or more information contact Ellen Wheeler: 215-988-8830 wheeler@pennhort.org www.pennhort.net/previewparty

SHOW DATES: MARCH

charitybuzz

Bid on extraordinary experiences like golf outings, an apartment in Paris, and a Phillies behind-the-scenes VIP experience at charitybuzz.com

Cathedral Village

We Are Pleased to Announce...
Our New Refundable Entrance Fees
Offering 90%, 75% and 50% Refunds

Now combine our Extensive Type A Contract with one of three Refundable Entrance Fees. This is an opportunity to move in at a younger age and know that you have taken an even greater step toward preserving your personal finances, as long as you are



under 85 years of age. Our Standard Basic Entrance Fees continue to be offered with no maximum age limit.

Cathedral Village is the one community that continues to provide a secure future for current and prospective residents. Questions about the direction and availability of health care services, or the cost of nursing care, are no longer an uncertainty with our Type A Contract which is the <u>best and most comprehensive in the Retirement industry</u>. Consider the facts about our commitment to you once your Contract is signed. The <u>Monthly Fee for the apartment of your choice</u> covers a broad spectrum of departmental services that support every day health care. A few examples are:

- ◆ Unlimited visits for routine and emergency care provided by our Outpatient Department which is staffed with professional nurses 24 hours daily/365 days of the year.
- ♦ Thomas Jefferson Physicians, Certified in Gerontology, on-site 5 days a week, and always on call.
- ♦ Unlimited stays in Bishop White Lodge, our skilled nursing facility.
- ♦ The quality of our 12-hour day Dining Services program which accommodates the dietary requests of each resident, including those needing special diets, and by serving three full meals every day prepared by our own Executive Chef and his staff of Sous Chefs.
- ♦ Our state-of-the-art Health Club with indoor pool, a spacious Fitness Center, personal direction and assistance of our Health Club Director, Water-Aerobics and Exercise classes, along with Yoga and Tai-Chi classes.
- ♦ Our own Security Department, staffed 24 hours daily/365 days a year, provides all transportation services.

Monthly fees also cover numerous professional concerts in Cathedral Hall, year-round Village College courses, Horticultural and Greenhouse classes and seminars, or Painting and Pottery classes. Enjoy a relaxing swim in the pool winter or summer, compete with friends on the Putting Green or use the Art Studios and Craft Shop for quiet creative time.

Learn More About the Four Entrance Fee Options!

Visit Monday through Friday—9 AM to 3 PM. Appointments are needed for weekends.

Cathedral Village 600 East Cathedral Road Philadelphia, PA 19128 www.cathedralvillage.com (215) 984-8621







Cathedral Village is a Nonprofit, Nondenominational Continuing Care Retirement Community Accredited by CARF-CCAC Since 1984 • Affiliated With the Jefferson Health System Since 1986



THE McLEAN LISRARY
Pennsylvania Horticultural Society
100 North 20th St.
Philadelphia, PA 19103











features

- 8 Winning Ways Check out the winners of the latest Green Scene "Garden Photo Contest."
- 12 It is Easy Being Green Ann Stookey's Chestnut Hill garden is a connoisseur's study in green.
- 16 Wild Hearts Join plantswoman Jo Ann Gardner as she explores the world of wild bleeding hearts.
 - **20 Pot Luck** Flower Show ace Ray Rogers shows you a few tricks and treats from his new book, The Encyclopedia of Container Plants.
 - **24 Gardening for Posterity** Charles Cresson opens the gate to show us his stunning garden in Swarthmore. A family heirloom for nearly a century, this garden has matured with the guiding hands of three generations of Cressons.
 - 32 Remembering Jean Byrne Jean Byrne was the founding editor of Green Scene.

columns

- 28 The Sustainable Garden Learn how to start seeds in soil blocks.
- 30 French Floral Design Try your hand at creating a chic design based on the Art Nouveau styles of Paris.
 - 34 Local Heroes The inspiring father-daughter team of Carlos and Nykia Perez are planting trees all over North Philadelphia and building communities while they're at it.

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture

Cover photo: Rob Cardillo

Hey Scene
Green Scene
readers!

Please email us your article ideas,

It is your article ideas,

Please email us your article ideas,

It is your favorite garden







Letter from the Editor

My Favorite Pix

BETWEEN THE FLOWER SHOW, GREEN SCENE, OUR MANY EVENTS, and extensive greening work throughout the region, we take a lot of photographs here at PHS. Every year there are a few great images that rise to the top, and I'd like to spotlight three of them here (all the more apropos since we're also looking at the winners of the *Green Scene* "Garden Photo Contest" in this issue). All three images, by the way, were taken by our talented staff photographer Margaret Funderburg.

My favorite photo from this past year is one of campers from Stenton Family Manor, a homeless shelter for women and children. Here, young people from the shelter are spending the day at Weavers Way, an urban farm in Philadelphia, making salsa as part of a program that teaches them about healthy food and nutrition. Weavers Way is a partner in the PHS City Harvest program, which provides fresh produce to nearly 1,000 families each week.

The second image shows PHS President Drew Becher presenting a certificate at the City Gardens Contest awards ceremony last September. The ceremony was held at the Urban Outfitters building in the Navy Yard in the midst of the PHS Fall Garden Festival. Decked out in a beret to promote the upcoming Flower Show, *Springtime in Paris*, Drew is seen here with three happy gardeners from the Jannahtain Community Garden, which took a first prize in the Combination Garden category.

Lastly, you can't help but smile when you see these children from Ferguson Elementary School in eastern North Philadelphia. On this day, they were learning how to mulch trees as part of a PHS workshop restoration project. To me, it's a wonderful image that shows how PHS is helping grow the next generation of gardeners.

Pete Prown

email: greenscene@pennhort.org

It's where you want to be.



A warm, welcoming community. An active, independent lifestyle. A comfortable, contemporary home right outside the city.

It's The Hill at Whitemarsh — and now is the time to make the right decision to protect your future. Call now to schedule a tour... consider your options... and let the fun begin!

The right place for you. Find it at The Hill at Whitemarsh.



The Hill at Whitemarsh, 4000 Fox Hound Drive, Lafayette Hill, PA 19444 Ph: 215-402-8725 Toll-free: 800-315-4103 www.TheHillAtWhitemarsh.org



january-february 2010

Pete Prown

Senior Editor Jane Carroll

Associate Editor Daniel Moise

Staff Photographer Margaret Funderburg

Art Design Baxendells' Graphic

Printer
ALCOM Printing Group, Inc.



Website PHSonline.org

100 N. 20th St Philadelphia, PA 19103-1495 215-988-8800

> Chair John K. Ball

President Drew Becher

Vice President, Programs Maitreyi Roy

PHS Membership Information Linda Davis, 215-988-8776

Display & Classified Ads Manzo Media Group 610-527-7047 mmanzo@manzomediagroup.com

Garden Q & A Phone Line 215-988-8777, Monday through Friday, 9:30 to 12 [closed in December] askagardener@pennhort.org

GREEN SCENE (USPS 955580),

Volume 39, No.1, is published bi-monthly (January, March, May, July, September, November) by the Pennsylvania Horticultural Society, a nonprofit member organization at 100 N. 20th St.,

Philadelphia, PA 19103-1495.
Single Copy \$5.00
(plus \$2.00 shipping)
Second-class postage paid at

Philadelphia, PA 19103
POSTMASTER: Send address change

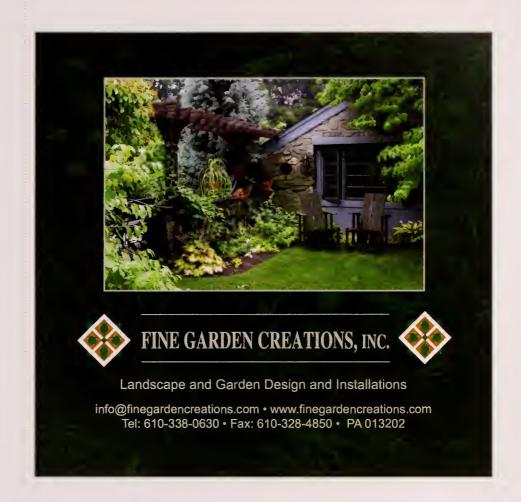
to GREEN SCENE 100 N. 20th St., Philadelphia, PA 19103. © 2011 Pennsylvania Horticultural Society







MIX
Paper from
responsible sources
FSC® C006218



AN OUTDOOR SCULPTURE EXHIBITION OF SOUND & MOTION

WIND through the TREES

October 2010 through June 2011

65 sculptures featuring sound & movement in a 15 acre botanical setting



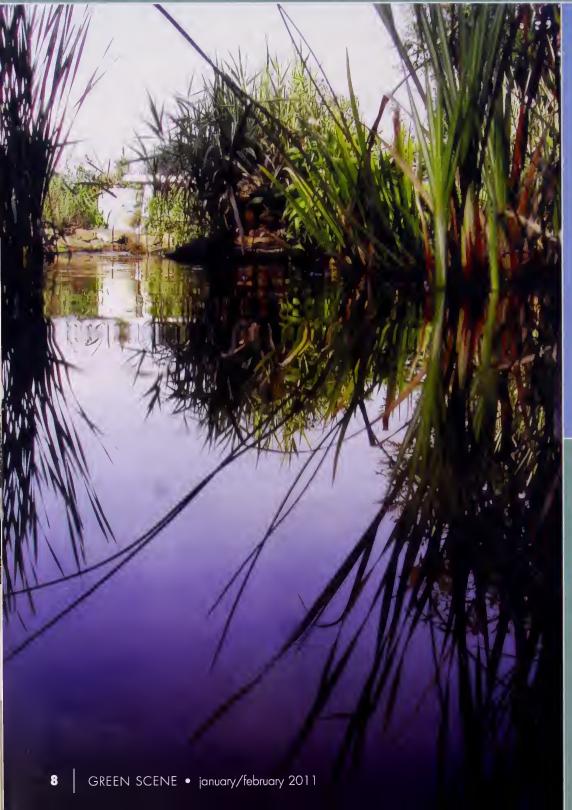
Don't miss this one-of-a-kind exhibition at Jenkins Arboretum & Gardens!

Call
610.647.8870
or visit
www.jenkinsarboretum.org
for more information.

Jenkins Arboretum & Gardens

Snapshots

Winners of the 2010 Green Scene Garden Photo Contest



hree cheers to the
winners of the 2010
Green Scene Garden
Photo Contest! As
always, the contest judges
struggled to narrow down the
thousands of photos to a mere
13 finalists. Extended conversations about composition,
lighting, and color resulted in the
selection of the images you see
here. The judges believe these
capture the joy of gardening
and nature, and we think you'll
agree. Enjoy!

1st Place "Reflecting Pond" Abigail Mirarchi



The timing of this picture was surreal. I was enjoying a moment of peace at my water garden's

edge that captured the perfect perspective of blue skies and green cattails reflecting off the deep, still water. The tranquility of the scene was interrupted when a fish jumped out of the water to create a ripple emerging from the other end of the pond.



2nd Place

"Baby with Bucket"
Sara Mead (as submitted by her aunt, Carla Hetzel)



This picture was taken in my mother's garden. In this photograph, I tried to capture the determination of my one-year-old cousin as he helped with watering. As a young gardener myself,

I am inspired that this even-younger generation is carrying on the tradition.

3rd Place
"Ginko Leaf"
Jean Wilcox



I am a big fan of the ginkgo tree. I have a consulting business called "Ginkgo Enterprises." When I bought my house I was delighted that there was a ginkgo growing outside my front door, smelly nuts

and all. One rainy fall morning, I saw this single ginkgo leaf on my front step and was struck by the beauty of the raindrops on the leaf and the color gradation of the leaf against the stone background. I went straight back into the house to get my camera. For me, this photo captures that feeling of a cool autumn morning after the rain.



Honorable Mentions







Renee Russo





Jennifer Lin





















Cynthia Raught



Lea Foster



Neal Demp



A Study in Green

Ann Stookey's Garden in Chestnut Hill

by Denise Cowie
Photos by Rob Cardillo

Stookey says she was drawn to gardening through her appreciation for architecture, and that shows in the lines of her Chestnut Hill garden. Matching juniper topiaries flank the deep red front doors of the 147-year-old house faced in Wissahickon schist. Clipped English ivy clinging to a trellis graces a wall in a crisscross pattern that reflects the latticework on a nearby porch. Espaliered fruit trees stretch their pruned branches gracefully along a wall. A couple of large granite balls, half hidden among the greenery in summer, are echoed in winter by boxwood orbs and round topiaries.

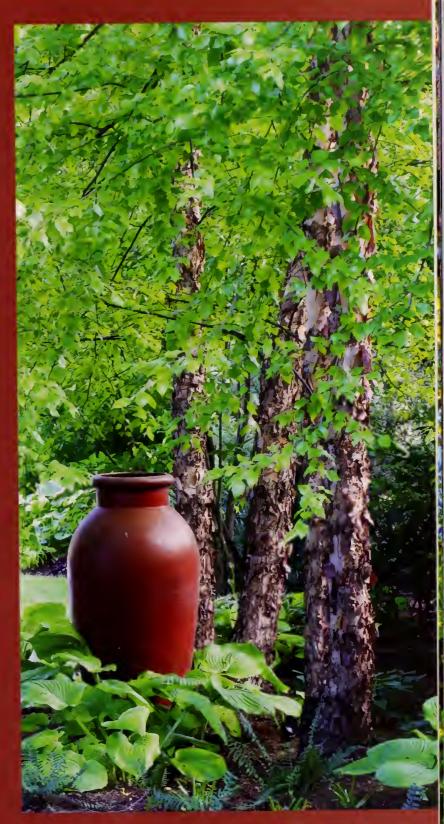
Foliage color, texture, and form are the most important attributes of plants in this garden, which is dominated by trees like willow, katsura, river birch, and Japanese maple; shrubs including peonies, hydrangea, and smoke bush; hedges of boxwood and yew; and perennials such as ferns, hostas, grasses, tiarella, heucheras, and ajugas

"The plants serve the design," says Stookey. "I want the unexpected, the unpredictable ... to be on the cutting edge of design."

She likes the elegance of a monochromatic color scheme—every shade, tone and tint of green imaginable-but she doesn't hesitate to use accents of purple and orange. It all adds up to a garden that is at once sophisticated and inviting: it accommodates both entertaining and her dog Tracy, an eight-year-old retired greyhound that loves to run.

Yet Stookey wasn't really a gardener when she moved to Philadelphia from Washington, DC, in 1994 with her husband, Comcast senior executive Joseph W. Waz, Jr. Her career in public broadcasting hadn't allowed much free time for pursuits like gardening. But her interest in it went back to childhood. "I grew up in Texas, and my father was a great gardener, but mostly vegetables," she says. "I enjoyed helping—I loved being in the dirt-but I was always stage-managing the artistic

It wasn't surprising, then, that she became an accomplished amateur floral designer at the same time she was developing her gardening skills. "The principles and elements of design, color, harmony, light, proportion, that sort of thing, apply to art, floral arrangement, and garden design," says Stookey, who is a member of



A five-foot-tall, deep red urn sits amid young Hosta 'Sum and Substance' and a variety of ferns, adding a colorful highlight to a grouping of multi-stem paperbark birch in Ann Stookey's Chestnut Hill garden.

Ann Stookey's Garden







Wissahickon Garden Club and a flower-arranging judge for the Garden Club of America. She was strongly influenced by European floral designers who take a lean, architectural approach, using minimal materials to achieve high impact. "That really resonated with me," she says, "and I saw this as an opportunity for a high-style concept" in the garden.

Stookey describes the garden she inherited as "leftover Wissahickon," with a lot of rangy rhododendron and mountain laurel surrounding a large stone house built in the Victorian style in 1863 but remodeled and "Frenchified" in the 1930s, when the front porch was removed and a mansard roof installed.

"There's a lovely side porch and a little terrace, so I started thinking about how to link them with a transitional garden," she says. With the help of landscape architect Alice Farley and her business partner, Leslie Purple, of the Plant Connection in Wyndmoor, Stookey added some hardscaping to the side garden and established an outdoor sitting area. "I started thinking about this outdoor room



idea before it was a 'thing,'" she adds.

She took a break from the garden to remodel the house, but about seven years ago enlisted the help of garden designer Nina Schneider. The two women hit it off immediately when they met. They shared not only a design background but also a love for rescued greyhounds—Schneider has two—and the Morris Arboretum, and have collaborated on Stookey's garden ever since.

Editing has played a large role in the development of the garden, says Schneider, who is not averse to moving plants, including some sizeable birch trees, if she thinks they are in the wrong place. "We try to walk the garden once a month to assess and discuss," she says.

"Nina helped me to understand that repetition strengthens design," Stookey says, pointing out the many white-flowering Annabelle hydrangeas that lighten the shade and look good at night, when she moves her dinner parties outdoors.

"Close to the house, we've tried to keep the lines clean, with color blocking—large groups of a few plants, depending on the texture," she says. "On the terrace, for example, there are three layers of hedges: boxwood, yew, and carpinus, which will be a tall hedge." The trunks of the carpinus are trimmed high, to create "windows" between the top of the yew hedge and the carpinus foliage. It's a multi-season view that works equally well from outside or inside the house.

"My mother, who is a fabric artist, always talked of the 'back art,' that the back of a piece was just as important as the front," she adds, and it is a lesson she applies throughout the garden.

Stookey views her window boxes and containers as opportunities for floral design, and changes them frequently: "I'm easily bored, and it's a chance to do something different."

There seems little likelihood of boredom in this constantly evolving garden, but just in case, Stookey already has her eye on the next project: the landscaping around the carriage house that she uses as a design studio. "We need to start working on that garden," she tells Schneider.



Stars of a Foliage Garden

The plants in Ann Stookey's garden are chosen primarily for their design attributes, including foliage color, texture, and form. As a result, she is building collections of "go-to" plants such as heucheras, ajugas, grasses, ferns, and hostas. Below is a list of her particular favorites ("at the moment," she qualifies).

Heuchera 'Caramel', which is featured in the front garden

Ajuga reptans Black Scallop, which she uses mostly in containers, but also in the front garden

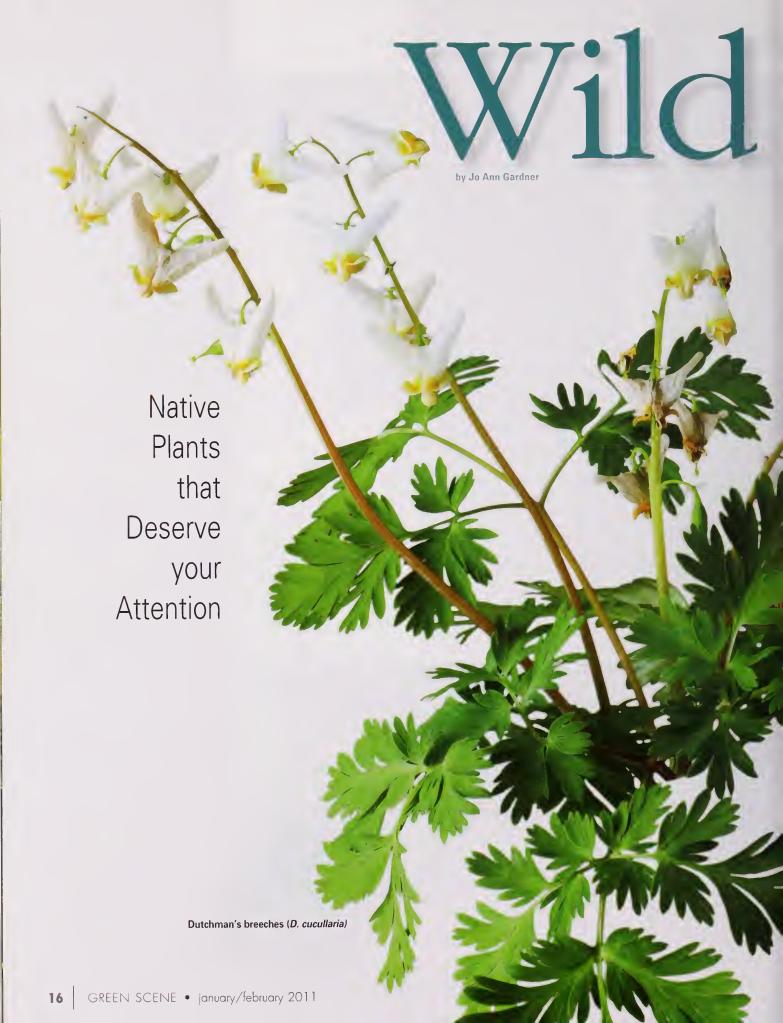
Acorus gramineus 'Minimus Aureus', because she likes grasses, carexes, and liriopes and uses them in a variety of situations

Ligularia dentata 'Othello', a tropical-looking plant that thrives in shade, which Stookey features under a lilac standard, Syringa meyeri 'Palibin'

Cotinus coggygria Golden Spirit, a smoke bush known for clear golden leaves that turn to brilliant corals and reds in fall, which is grown as a stand-alone specimen in Stookey's garden

Petasites japonicus atropurpurea, a dramatic-looking plant that is teamed with Heuchera villosa 'Caramel' in the garden

Salix integra 'Hakuro-nishiki', a variegated willow with fourseason appeal that Stookey and garden designer Nina Schneider cut back to the ground each spring to take advantage of the colorful new growth



)1centras

you're interested in growing wild flowers, you can't do better than to start with native dicentras, close relatives of the familiar Asian bleeding heart (Dicentra spectabilis). These perennial beauties are dainty plants that grow easily when you meet their needs: rich, humusy soil in light woodland or partial shade. New introductions open up more possibilities of growing them in sunnier conditions, in the flower border. All bear charming flowers that come and go from mid to late spring and into the summer, right through early frosts, and, with some exceptions, are hardy from Zones 3 through 8.

The dicentra season begins with Dutchman's breeches (Dicentra cucullaria) and squirrel corn (D. canadensis), native to the eastern United States and westward. These fall into the category of spring ephemerals, whose fleeting presence is one of the most welcome signs that winter has truly passed. Although blooms may only last two weeks, their freshness is unequaled.

Like all dicentras, flowering stems arise naked and arching from finely cut basal foliage, gray-green in squirrel corn. The flowers of Dutchman's breeches are striking in appearance, like pantaloons—white with

> a yellow waistline—hung upside-down to dry on a clothesline. The flowers of squirrel corn, so-called because squirrels like to eat their yellow tubers, are in the familiar bleeding heart design, but slender and greenish-white, tinged pink. Both plants reach 6 to 10 inches tall and then die down after blooming. They are best started from plants, which should be established in the fall in slightly acid to neutral soil with a pH of 6.5 to 7.0. You will know if your soil

is too acidic when plants produce foliage at the expense of flowers; add a little agricultural lime as recommended. Plant the fleshy roots of Dutchman's breeches 1 to 1 1/2 inches deep, 4 to 6 inches apart. For squirrel corn, plant roots 2 inches deep in small groups, covering roots with wire mesh to protect them from rodents. Lightly mulch plantings. Once established, both types will self-seed, finding their way in and around rocks, woodland plants, and trees. Both enjoy the company of bloodroot, hepatica, and trillium.

Fringed bleeding heart, 10 to 15 inches tall, is a bushier plant. It pushes through the soil in early spring, and begins blooming when the ephemerals have passed. It continues into late summer, unless dormancy is triggered by heat and drought. Native to eastern North America, its inflated, short-spurred hearts, mauve-pink to



Dicentra is a Latin-based word meaning "with two spurs."



These fall into the category of spring ephemerals, whose fleeting presence is one of the most sought-after signs that winter has truly passed.

rose, dangle over deeply-cut green foliage. Fringed bleeding heart is more adaptable to soil and site than the other native species, thriving in more open ground, with some shade, as a long-blooming ground cover. Its counterpart, Western bleeding heart, is nearly identical except for its deeper-hued flowers and noticeably grayish-green foliage. Grow fringed bleeding heart from plants set out in the fall, about 1 inch deep and 2 feet apart, and cover with light mulch. Propagate by division.

Selections from these two species, and the hybrids arising from their crossing (with the addition of an Asian species into the mix), have resulted in a new race of longer-blooming plants, more tolerant of sun, heat, and dry conditions. They are rated hardy from Zones 3 through 9. Here are four cultivars that are sure to catch your fancy:

- D. eximia 'Snowdrift' produces sprays of pure white flowers over gray-green foliage.
- D. 'King of Hearts' bears well-sculpted rosy-pink, flared hearts—a contrast to its blue-green foliage.
- D. 'Luxuriant' has cherry-red hearts with green foliage.
- D. 'Burning Hearts' has caused a sensation in the gardening world. It produces sprays of flared, white-edged rosy red hearts set off by a compact mound of silvery blue foliage.

Jo Ann Gardner tends her wild dicentras in upstate New York.

Dutchman's breeches is one of many plants whose seeds are spread by ants, a process called myrmecochory. The seeds have a fleshy organ called an elaiosome that attracts ants. The ants take the seeds to their nest, where they eat the elaiosomes, and put the seeds in their nest debris, where they are protected until they germinate. They also get the added bonus of growing in a medium made richer by the ant nest debris.

—dbpedia.org



CURRENT APS MEMOIRS

Peter Collinson and the Eighteenth-Century Natural History Exchange Jean O'Neill and Elizabeth P. McLean Vol. 264 - \$75.00 • Cloth ISBN: 978-0-87169-264-1

POLAR HAYES: The Life and Contributions of Isaac Israel Hayes, M.D. Douglas W. Wamsley Vol. 262 - \$75.00 • Cloth ISBN: 978-0-87169-262-7

JUST ARRIVED

Patriot-Improvers, Volume III Whitfield J. Bell and Charles Griefenstein

Vol. 228 - \$60.00 • Cloth ISBN: 978-0-87169-228-3

Volume One (1997) -- \$40 Volume Two (1999) -- \$40 Volume Three (2010) -- \$60 Three-volume set -- \$125

CURRENT APS TRANSACTIONS

Alhacen on Refraction: A Critical Edition, with English Translation and Commentary, of Book 7 of Alhacen's De Aspectibus, the Medieval Latin Version of Ibn al-Haytham's Kitāb al-Manāzir A. Mark Smith

Vol. 100, Pt. 3 -- \$35 each; \$50 set Paper ISBN: 978-1-60618-003-7 ISBN: 978-1-60618-006-8 2010 J.F. LEWIS AWARD WINNER

Learning Greek in Western Europe, 1396–1529: Grammars, Lexica, and Classroom Texts Paul Botley Vol. 100, Pt. 2 - \$35 • Paper

ISBN: 978-1-60618-002-0

Sporting with the Classics: The Latin Poetry of William Dillingham Estelle Haan

Vol. 100, Pt. 1 - \$35 • Paper ISBN: 978-1-60618-001-3

Playing with Fire: Histories of the Lightning Rod Peter Heering, Oliver Hochadel, David J. Rhees (editors) Vol. 99, Pt. 5 - \$35.00 • Paper ISBN: 978-1-60618-995-5

Magnetic Fever: Global Imperialism and Empiricism in the Nineteenth Century Christopher Carter Vol. 99, Pt. 4 - \$35.00 • Paper ISBN: 978-1-60618-994-8

Choosing Selection: The Revival of Natural Selection in Anglo-American Evolutionary Biology, 1930-1970 Stephen G. Brush Vol. 99, Pt. 3 - \$35 • Paper

Vol. 99, Pt. 3 - \$35 • Paper ISBN: 978-1-60618-993-1 2009 J. F. LEWIS AWARD WINNER

THE MOST IMPORTANT CLOCK IN AMERICA The David Rittenhouse Astronomical Musical Clock at Drexel University

Ronald R. Hoppes Vol. 99, Pt. 2 - \$35 • Paper ISBN: 978-1-60618-992-4

Descended From Darwin: Insights into the History of Evolutionary Studies, 1900-1970
Joe Cain and Michael Ruse (editors)
Vol. 99, Pt. 1 - \$35 • Paper
ISBN: 978-1-60618-991-7

The Long Route to the Invention of the Telescope Rolf Willach Vol. 98, Pt. 5 - \$35 • Paper ISBN: 978-1-60618-985-6

The Invention of the Telescope Albert van Helden

Vol. 67, Pt. 4 - \$30 • Paper Original print date 1977; reprinted 2008 ISBN-10: 0-87169-674-6 ISBN-13: 978-0-87169-674-8

Sophie de Grouchy, Letters on Sympathy (1798): A Critical Edition Karin Brown Letters translated by James E.

McClellan III Vol. 98, Pt. 4 - \$35 • Paper ISBN: 978-1-60618-984-9

Raising Kane: The Construction of Dr. Kane, Hero of the Romantic Age Mark Metzger Sawin Vol. 98, Pt. 3 - \$ 35.00 • Paper ISBN: 978-1-60618-983-2

Franz Boas and W. E. B. Du Bois at Atlanta University, 1906 Rosemary Lévy Zumwalt Vol. 98, Pt. 2 - \$35 • Paper ISBN: 978-0-87169-982-4 2008 J.F. LEWIS AWARD WINNER

Alhacen on Image-Formation and Distortion in Mirrors: A Critical Edition, with English Translation and Commentary, of Book 6 of Alhacen's De Aspectibus, the Medieval Latin Version of Ibn al-Haytham's Kitáb al-Manázir A. Mark Smith

Vol. 98, Pt. 1 - \$29 each; \$42 set • Paper ISBN: 978-1-60618-981-8 "TO DO JUSTICE TO HIM &
MYSELF":Evert Wendell's Account
Book of the Fur Trade with Indians
in Albany, New York, 1695-1726
Edited and Translated by Kees-Jan
Waterman with linguistic information
by Gunther Michelson
ISBN: 978-1-60618-912-2
LIGHTNING ROD PRESS,
VOLUME 4 \$50.00 • Paper

THE CHINDALI LANGUAGE OF MALAWI - 3 volumes - \$100.00 for set

Volume 1 - A Chindali and English Dictionary, with an Index to Proto-Bantu Roots
Robert Botne, in collaboration with Loveness Schafer
ISBN: 978-1-60618-909-2
LIGHTNING ROD PRESS,
VOLUME 1 \$45.00 • Paper

Volume 2 - A Grammatical Sketch of Chindali, Malawian Variety Robert Botne ISBN: 978-1-60618-910-8 LIGHTNING ROD PRESS,

Volume 3 - Narratives of Chindali Life and Culture Compiled and analyzed by Robert Botne, in collaboration with Loveness Schafer ISBN: 978-1-60618-911-5 LIGHTNING ROD PRESS, VOLUME 3 \$40.00 • Paper

VOLUME 2 \$35.00 • Paper

LIGHTNING ROD PRESS TITLES

Darwin's Disciple: George John Romanes, A Life in Letters Joel S. Schwartz ISBN: 978-1-60618-920-7 LIGHTNING ROD PRESS, VOLUME 5 \$60 • Paper



AMERICAN PHILOSOPHICAL SOCIETY

104 South Fifth Street
Philadelphia, PA 19106-3387
(Tel) 215-440-3425
(Fax) 215-440-3450

BOOK ORDERS: Please contact our fulfillment service—
Diane Publishing Co., P.O. Box 617, Darby, PA 19023 (phone 800-782-3833; fax 610-461-6130). Online orders may be sent to orders@dianepublishing. net. See our website for recent catalogs and backlist: www.aps-pub.com.

The Pot Upended



Provacative Thoughts for Container Gardening

by Ray Rogers Photos by Rob Cardillo

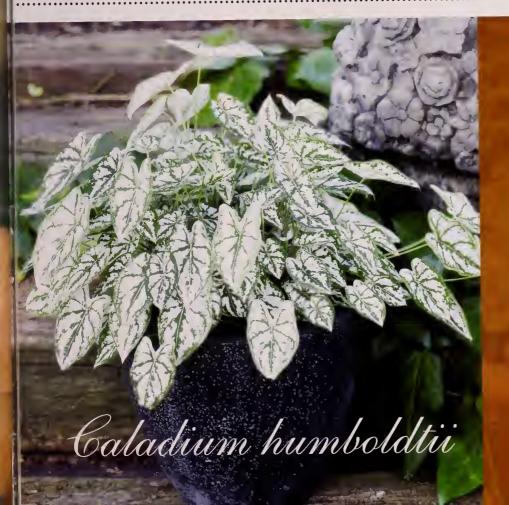
you garden in containers, you already appreciate and enjoy the versatility and beauty this branch of gardening provides. Perhaps you dabble in aspects of design, considering and playing with the color, line, shape, and other attributes of plants in pots. But I'd like to encourage you to look beyond what you see: let potted plants conjure up mental images and associations. What you perceive might well be different from what I do, but appreciating diversity makes life a little more interesting, don't you think?

PLENTY OF FOOD-BEARING PLANTS grow well in containers, but not all of them offer the visual punch of cabbage and their kin. Here we see a selection of red mustard (*Brassica juncea*) that looks like an octopus slithering out of its underwater den (or maybe languidly drifting in a sapphire sea). You might perceive some sort of explosion radiating out from its central blast point.

Whatever you imagine, there's no doubt that the leaves create a noticeable linear effect, reinforced by their striking white midribs. Some might want to see the mustard in a less stridently blue pot, and to those I say: carefully transplant the mustard into a pot of your choice, or establish new plants in that pot. It's not hard; mustards start easily from seed and transplant readily if you keep the root balls intact. Keep them well watered in a sunny spot, and make sure they don't lack for nitrogen. When the plants get too big for the pot and/or their companions, cut some leaves for a tasty side dish prepared according to your favorite recipe. I like them sautéed in a little olive oil and garlic or gently simmered in savory stock. Bacon adds a soulful touch.

Brassica juncea

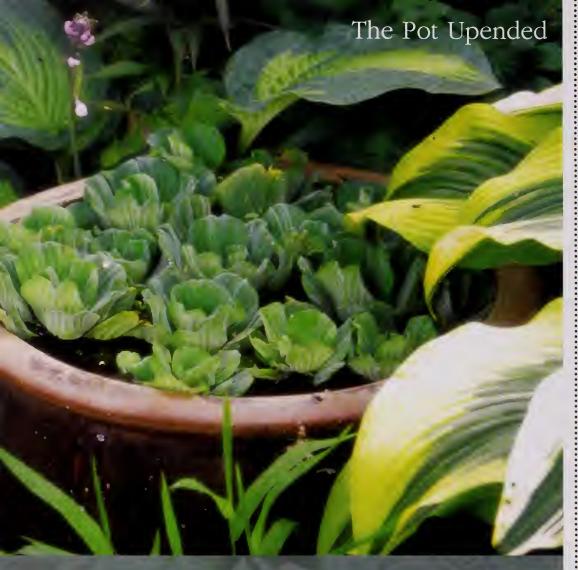




STUDENTS OF COLOR THEORY OFTEN refer to the "temperature" of a color, such as in "hot" orange or "cool" blue. Of course the colors themselves don't literally have a temperature, but they certainly can create a perception of heat or coolness. Take this refreshing pot of *Caladium humboldtii*, for example: doesn't it look like it could keep a nearby glass of lemonade icy cold? The fresh green and snowy white do most of the work, but the gray basket of concrete flowers and the gray-toned steps reinforce the chill. (For the total opposite of this cold sensation, check out the container of 'Mickey Mouse' tulips elsewhere in this article.)

If you want to give *C. humboldtii* a go, I recommend growing it in dappled shade in nothing but long-fiber sphagnum moss kept constantly wet. Every couple of weeks, provide a water-soluble high-nitrogen fertilizer during its brief but glorious growing season. You can enjoy more or less the same cooling power with one of the larger-leaved caladiums (such as 'Aaron', 'Candidum', or 'White Christmas'), which will happily grow in a pot filled with a loose, moist organic mix in bright light.

21



Pistia stratiotes

LET'S THINK FAR OUTSIDE THE BOX for a little while. Why not grow a plant solely for its ability to conjure up images instead of simply providing leaves or colorful flowers? Do you see little heads of Boston lettuce in a big salad bowl or maybe an amusement-park ride here? Note how the veins of the hosta leaves repeat the lines of the *Pistia stratiotes* and add to the apparent action. Too weird or edgy for you? Consider this: all water lettuce needs is some water under it in a shady to sunny place and an occasional dollop of nitrogen fertilizer.

The only plants that require less maintenance, really, are fake or dead ones. Also, fake or dead plants don't multiply quickly (a few starter plants of water lettuce can fill a good-sized pot in a single growing season), and I dare you not to play with *Pistia* and otherwise succumb to its allure.



Sedum morganianum

AT FIRST GLANCE you might think this is a waterfall or multi-basined fountain, but a closer look reveals a weathered metal conveyor belt holding clusters of Sedum morganianum on a sturdy post. Less prosaically, maybe you see long blue-green tresses, abundantly dripping candles, or a college dorm room (with its bunk beds doubling as a rack for clothes, backpacks, and other student paraphernalia). So you don't have any suitable hardware or other found objects in your basement or garden shed? Even one small, conventional hanging basket of this sedum-or a strand or two dangling over the side of a large, earthbound container—can evoke images through the power of its dramatic lines, uncommon color, and "touch me" shape.

Provide lots of sun, don't worry if you can't water this succulent for a couple of weeks or more, and take it easy with the fertilizer. Best of all, when some of the chubby leaves fall off after you yield to its touchable chains, let them remain on the soil surface, where they will produce tiny new plants for garden pictures elsewhere.



'Mickey Mouse'

I ADMIT MY MIND CAN CONJURE UP only one (rather obvious, I think) image here, namely flames emerging from a well-used cauldron. Yes, these are comfortably familiar tulips ('Mickey Mouse', specifically), and yes, tulips can be celebrated as briefly glorious container plants, whether grown in their pot from fall planting to spring blooming or forced in another pot and then placed into a more attractive cachepot.

But it's not the plants that grab my container-gardener's attention and imagination here. It's that gorgeously mottled and beautifully proportioned pot with the "damaged" patch on the right side. How many other pots can suggest so much character, much as an elderly, non-surgically altered, un-Botoxed, makeup-free face can project? You might even go so far as to give this pot a prominent place in the garden . . . unplanted.

Author and speaker Ray Rogers has been growing and thinking about plants in containers for more than five decades. He is the author of The Encyclopedia of Container Plants (Timber Press, 2010).

A Garden Worth Preserving



Charles Clesson
Carries on a
Family Tradition

Story and Photos by Marcia Tate

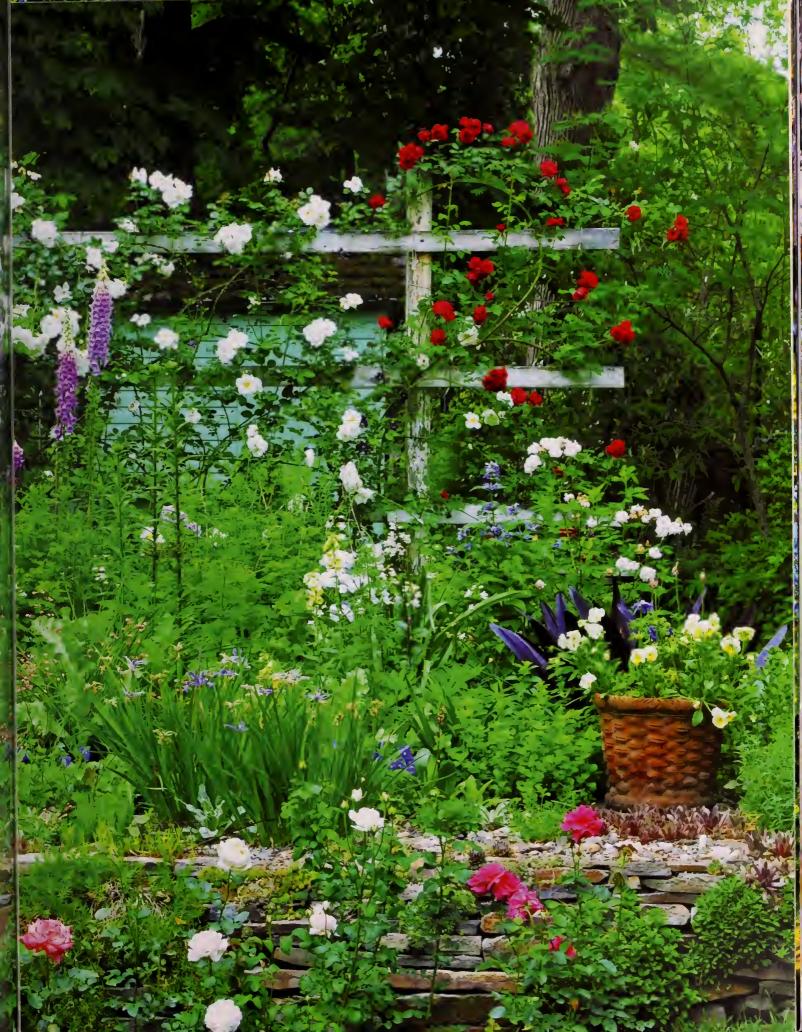
takes 40 to 50 years for a typical garden to become mature, but this garden has been nurtured with constant maintenance for

80 to 90 years," says Charles Cresson with pride. The garden designer, lecturer, and award-winning author is reflecting on Hedgleigh Spring, the two-acre garden in Swarthmore, Pennsylvania, that began as part of a gentleman's farm purchased by his great-grandfather in 1883. The well-kept colonial revival house, built by Cresson's grandfather in 1911, belies the landscape behind it that has been described as one of the premier examples of an early twentieth-century garden in the United States.

An ardent and erudite gardener, Cresson has lived most of his 56 years at Hedgleigh Spring. Educated in traditional estate-style gardening, he attended the University of Vermont and the University of Bath in England. He has also worked for England's Royal Horticultural Society, Meadowbrook Farm, and the W. Atlee Burpee Company. Today he teaches, lectures, and consults, in addition to giving private tours of his remarkable garden.

Cresson grew up hearing his father speak of the land and how it had changed under three generations of







Cresson Garden

family tenure. A pivotal point in his life occurred while touring Natural Trust properties and private gardens in England, often guided by current family members vested in the historical continuity of their ancestral estates. "I felt a deep and special connection to these places. When I came back home I realized that I had something special, too, and that Hedgleigh Spring was worth preserving in the face of all the changes in the world," says Cresson.

The family heritage is clearly present throughout the property. For instance, a nineteenth-century springhouse that was part of the original farm—and is the source of the name Hedgleigh Spring—has been carefully maintained. The "tool house," a former outhouse relocated from behind the old barn, is filled with a mix of old and new implements, many branded with the Cresson name.

With the foresight and hard work of Cresson's grandfather, the landscape took shape in the first half of the twentieth century out of an open piece of ground. The property has evolved into a series of intimate spaces connecting manmade structures with natural elements. These include the largest and best trees on the original 15-acre farm and a stream that has been integrated as an essential feature of the garden. Cresson sees the house and garden together as a package: "It's just a composition of the two and one wouldn't be quite the same without the other."

Visitors to Hedgleigh Spring are greeted by a 100-year-old cut-leaf Japanese maple, *Acer palmatum dissectum* 'Ornatum', which gracefully arches over the front lawn. Towering oaks and gum trees surround the spring house; sweeps of azaleas planted in 1948 continue to thrive. Tragically, the most cherished tree, a centuries-old white oak under which Cresson's grandfather had built this house, came crashing down in 2009, just missing the house but crushing many established plantings in its wake.

A seasoned plantsman, Cresson has greatly expanded the existing collections while maintaining the garden's character. Hydrangeas and hollies complement the original selection of rhododendrons and azaleas. Fall- and spring-blooming camellias reflect Cresson's longstanding interest in the new hardy hybrids. These and other appropriate additions to the mix fill a void while supporting his grandfather's design.

Two new additions stand out. The shade and moisture-loving *Hydrangea aspera* subsp. *sargentiana* is a show stopper with large,

"It's not a castle or a grand mansion, but it is the reservoir of more than a century of accumulated hands-on knowledge, which has flowed from father to son."

sandpapery leaves and lavender lace-cap flower heads that bloom in July. *Ilex* × *koehneana*, an English holly hybrid with large leaves, retains its red-orange fruit for a full year and consistently delivers a spectacular display.

Hedgleigh Spring is full of "garden moments" that keep Cresson entertained and give visitors something to anticipate in every season. In June, the central flower garden is festooned with climbing roses and lush beds of hybrid roses, most varieties original to this early twentieth-century-style flower garden, which also includes more than 100 feet of mixed borders. These borders provide an evolving display of vibrant color through October. One finds relief from the intensity of the flower garden in the surrounding shade gardens; the naturalistic pond garden with its water lilies, Japanese iris, and cardinal flower; and the waterfall in the meadow beyond.

Cresson has been praised for maintaining the integrity of the garden's design, a longstanding family edict, despite an increasing diversity of plants. He is also acutely conscious of the need to balance ecology with the formality of the garden. He sees species diversity, particularly the natives, as making an important ecological contribution by supporting the food chain for wildlife, evident in the varied bird population in residence. When considering the future of Hedgleigh Spring, his greatest concern is that the property remain open space. "I hope future generations will also find the garden worth preserving," he says.

Hedgleigh Spring is the central core of a family consciousness that has persisted through four generations, and with which Charles Cresson feels a direct connection. "It's not a castle or a grand mansion, but it is the reservoir of more than a century of accumulated hands-on knowledge, which has flowed from father to son," says Cresson. "Everybody needs a mission in life. This is my mission."



THIS TIME OF YEAR, most dedicated vegetable gardeners can't wait to get their hands on some seed packs to start growing their own plants. Maybe this year, you'll consider breaking out of your (vegetable-growing) mold. You can feel good about reusing butter tubs, yogurt containers, milk cartons, or even old newspapers for growing seedlings. Just about any type of container will do as long as it is at least two to three inches deep and has drainage holes.

How about going "containerless" this year? Eco-friendly soil blocks or "potting blocks" offer a simple way to start your seedlings. Made from lightly compressed cubes of soil mix, the blocks are pressed by a form or mold into a shape, usually a square. With the proper moisture in fibrous growing medium, the block will keep its shape and hold together. As the roots grow, the block grows sturdier. The seedlings become quickly established after transplanting the blocks into the garden.

The tool for making soil blocks, a soil block maker or "blocker," comes in a variety of sizes. For the home gardener, it's best to start out with a small blocker with four two-inch square compartments. After wetting the growing medium, fill each compartment with a soil-less mix. Use it like a cookie cutter to make four little blocks of soil to plant your seeds in. Just push the block maker down, turn, squeeze, and lift. Then, set the filled block maker into a tray and release. You can plant the seed directly in the depression created by the block maker.

For successful results, you'll need the proper soil mix and moisture content. Eliot Coleman's mix, the industry standard, is described in detail in his book, *The New Organic Grower*. Coleman describes mixes with peat, lime, coarse sand or perlite, fertilizer, compost, and soil. Beginners will find the chapters on soil blocks very informative.

Andrew Alps, a soil-block advocate, vegetable grower, and owner of

Amberland Farm, in Southampton, Pennsylvania, describes problems encountered by novice soil block users.

"Beginners may be afraid that their blocks are too wet, but you have to make sure the blocks have adequate moisture," he says. If the blocks are too dry, the seeds will dry out and the blocks will collapse. The soil should be the consistency of oatmeal or peanut butter, according to Alps.

While Coleman's soil mix is superb, Alps experimented further and found his own simple blend: four parts mix to one part compost. "Soil-less peat-based mix that contains some fertilizer and homemade



compost or organic bagged humus works great," he says. Alps also advocates a blend of one part garden soil, one part coarse sand, and two parts compost.

However, since peat moss is a non-renewable resource, obtained from peat bogs, you may want to think about using other materials to grow seeds. West Chester-based Organic Mechanics Soil Company sells peat-free mixes that contain a blend of coconut fiber, compost, worm castings, and other materials. The company recommends using the Premium blend for potting blocks. "Worm castings are full of beneficial bacteria that produce a glue-like substance to help bind soil particles together," says Mark Highland, founder and president of the company.

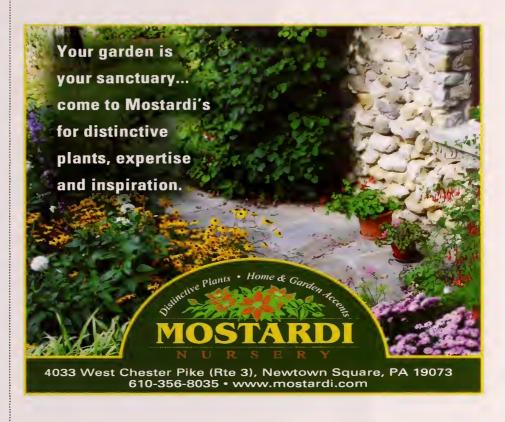
Plants such as cabbages, sweet corn, beets and cucumbers, which don't like their roots disturbed, can be grown successfully with soil blocks. Normally these types of plants are not recommended for transplanting since their roots can suffer transplant shock.

If you're an eco-conscious gardener who is tired of washing out plastic pots every year, then think about using soil blocks. Get the neighbors involved and have a "block party!"



RESOURCES

gotomeadowbrook.com pottingblocks.com organicmechanicsoil.com johnnyseeds.com





THE Act Nouveau Fra





This floral design makes a modernistic fan from bear grass by wrapping nine strands of bear grass (Xerophyllum tenax) with decorative 24-gauge wire and at intervals, dropping three strands and adding three more. When the desired size is achieved, all of the grass strands are gathered together to form the fan shape, which is tied with wire to make a structure. Calla lilies (Zantedeschia) are added to reinforce the curves and asymmetry.

2011 Philadelphia International Flower Show theme is *Springtime In Paris*, so let's take a look at the modernist design style for which the Parisians are famous—the Art Nouveau.

In 1900 Paris hosted a World's Fair, the *Exposition Universelle*, and introduced the world to a new movement in art, architecture, and the decorative arts called the "New Art" or *Art Nouveau*. This new style broke away from the rigid controls of the Victorian Era and the rules of academic art and used nature and natural motifs as its inspiration. *Japonisme*, or the Japanese influence on art in the West, was important in the development of Art Nouveau and emphasized asymmetry.

Although its emphasis was on nature and organic forms, Art
Nouveau was an urban style that used steel and glass for both structure and decoration. A prominent architect,
Hector Guimard designed entrances to Metro stations throughout Paris in a streamlined and curving art nouveau fashion. Art Nouveau symbolized all that was natural and free. Motifs of leaves and butterflies and fairies, as well as the human form, were popular. Floral design began its journey to the asymmetric, light, and airy.

When designing in the Art Nouveau style, look for branches and flowers that will curve and flow to create a stylized interpretation of nature.



Branches that can be curved and bent:

- Kiwi vine (Actinidia)
- Curly willow (Salix babylonica var. pekinensis 'Tortuosa')
- Red, green, and black dogwood (Cornus alba)
- · Harry Lauder Walking Stick (Corylus avellani 'Contorta')

Flowers with curves and wispy tendrils:

- Calla lilies (Zantedeschia)
- Ranuculus (Ranunculus asiaticus)
- Poppies (Papavar orientale)
- Queen Ann's lace (Ammi visnaga)

Foliage to manipulate into curving lines:

- Aspidistra (Aspidistra elator)
- Bear grass (Xerophyllum tenax)
- Lirope (*Lirope* spp.)
- Galex leaf (Galex urceolata)





GREEN GREEN GREEN GREEN GREEN GREEN GREEN

Remembering Jean Byrne

By Tony Lyle

ean Byrne, founding editor of *Green Scene*, which she launched and helmed for nearly 30 years, succumbed to leukemia on September 23 at Good Shepherd Hospice in Philadelphia. She was 80.

Born in 1930 to a single parent, she was placed in foster care at an early age and passed from home to home until graduating from Hallahan High School. Ms. Byrne started working at the

former Smith Kline pharmaceutical firm as a secretary, soon advancing to a writing position. At night, she attended class in the College of General Studies at the University of Pennsylvania, eventually earning her bachelor's degree in English. On weekends, she served as a stagehand under famed director Jasper Deeter at the Hedgerow Theater in Rose Valley, PA. Later, she earned a master's degree in counseling.

In 1972, Ms. Bryne was tapped by then-PHS president Ernesta Ballard (who became her role model and friend) to create *Green Scene*. It was designed to

be a lively and engaging bimonthly publication that appealed not only to horticulturists and both sophisticated and amateur gardeners, but to the general reader as well. Working with a small staff and limited funds, Byrne was able to attract a talented group of freelance writers, photographers, and illustrators to both inform and delight her readers.

Says former PHS president Jane G. Pepper,

"Jean not only created a magazine that beautifully highlighted the horticultural wonders of the Greater Philadelphia region, but she also brought together a family of writers, many of whom might never have published a single story if it hadn't been for her encouragement. I am just one example and will always be grateful for the patience with which she encouraged me to write my first story for *Green Scene*. Jean brought a lot to PHS

over almost three decades, and I think there are others who will, like me, not only miss her spirit and enthusiasm, but also her fiery temper. Mercifully, the storm disappeared as quickly as it came, and before you knew what was happening, Jean would be back extolling the movie she had just seen—or the book she had just read and wanted to make sure was on your reading list."

Ms. Byrne was also known as a good Samaritan who worked tirelessly for a number of local organizations and individuals in need. She helped make breakfast for the AIDS residents at

Calcutta House and walked miles to raise money for others with breast cancer or other illnesses. After she retired, she answered telephones, licked stamps, and brought lunch for the staff and clients of Siloam, an HIV/AIDS wellness agency on Spring Garden Street. Once, she won the top prize of \$1,000 at Gay Bingo at the YMHA—and contributed it on the spot back to ActionAIDS. For that, she received a standing ovation.



GREI

GREI

GREI

GREI

GREE

GREI

GREI

GREI

GRE

GRE

GRE

GRE

GREI

RE

GREI

RE

GRE

FLORISTS

Sustainable Event Decorating

Garden arrangements—fresh local flowers Featuring unique artist made containers Corporate-private www.urbanbotanical.com Helen@urbanbotanical.com 215-438-7533

Nationally-recognized designs. Experienced staff ensures the integrity of the design from concept to completion. burkebrothers.com

LANDSCAPE DESIGN

BURKE BROTHERS

LANDSCAPE DESIGN/BUILD

215-887-1773

610-520-2025

NURSERIES

RARE & UNUSUAL PLANTS

- Specimen plants Pond plants Bonsai • Orchids • Hardy cacti • Tropicals
- Sculptured trees and shrubs
 Perennials
 - Unique Flower and gift shop.

MUTSCHLERS' FLORIST & RARE PLANTS 1-800-242-9438

www.mutschlers.com

GARDEN STRUCTURES

GREENHOUSE AND CONSERVATORY DESIGN & CONSTRUCTION

Custom Aluminum or Wood 35 Years' Experience Call Robert J. LaRouche at Glass Enclosures Unlimited 610-687-2444

GREEN TECHNOLOGIES

Rainwater Harvesting Systems

Capture • Filter • Reuse

Please visit our website to learn more www.YourPond.com

Cedar Run Landscapes

1-800-Landscape

Architects, Builders and Nurserymen

Providing the Fine Art of Garden Construction and Landscape Restoration

215-247-2992

610-584-1550

www.davidbrothers.com

David Brothers Landscape Services Native Plant Nursery

Eco Design and Management

Designs, Installs, Restores & Maintains Ecological, Artistic Landscapes 610-659-6737 866-496-9882 www.ecodesignmanage.com

LINDA CORSON LANDSCAPE DESIGN

- Consulting
 - Plans
- Supervision

Registered Landscape Architect

Member ASLA 215-247-5619

HARDSCAPING

HERITAGE STONE & MARBLE

We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.

FLAGSTONE, BRICK-patios and walkways, COBBLESTONE-edging and paving, STONE walls, RETAINING walls, MARBLE, GRANITE-floors, walls, countertops.

215-699-5611

Upper Gwynedd, PA

MULCH

BALED PINE NEEDLE MULCH

Pick up/Delivery/Spreading service Cedar Run Landscapes Call for brochure 1-800-LANDSCAPE

www.CedarRunLandscapes.com

PATIOS & WALKWAYS

Flagstone - Pavers - Brick Robert J. Kleinberg Landscape Design & Construction 610-259-6106 See our work online 100's of pictures at WWW.KLEINBERG.COM

FLOWERS AND MORE, INC.

Garden Design, Installation & Maintenance PINE-NEEDLE MULCH Wholesale and Retail 610-701-9283 renee52@comcast.net

Triple Oaks Nursery & Herb Garden

*Great Plants*Display Gardens*Programs* Franklinville, New Jersey www.tripleoaks.com 856-694-4272 greatplants@tripleoaks.com

TREES

Giant 25-30' Colorado Blue Spruce & Holly **Indian Orchards**

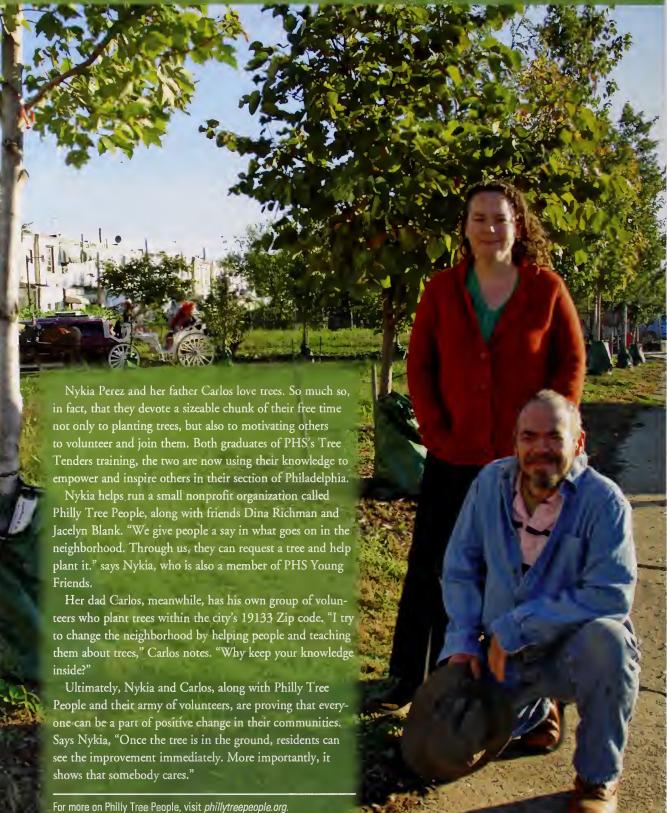
> 24 Copes Lane, Media, PA 19063 610-565-8387

Tree Transfers Inc.

Large Tree Transplanting and Sales Large Screening & Specimen Plant Material 215-635-2310 Serving the Delaware Valley since 1987



A Family Tree: Nykia & Carlos Perez





Medford Leas

IMAGINE LIVING IN AN ARBORETUM!

- → Beautiful arboretum settings on two campuses
- → Variety of residential home designs including garden-style townhomes and apartments
- → Mind & body fitness programs
- → Total Home Maintenance

- → On-site primary health care, assisted living, and nursing facilities
- → Life-long learning programs
- → Resident-directed community life
- → Refundable entrance fee options
- → And much, much more...

YOU REALLY CAN HAVE IT ALL!



MEDFORDLEAS.ORG 609.654.3000 or 800.331.4302

A nationally accredited, Quaker-related, not-for-profit community for those age 55+, with campuses in Medford and Lumberton, NJ

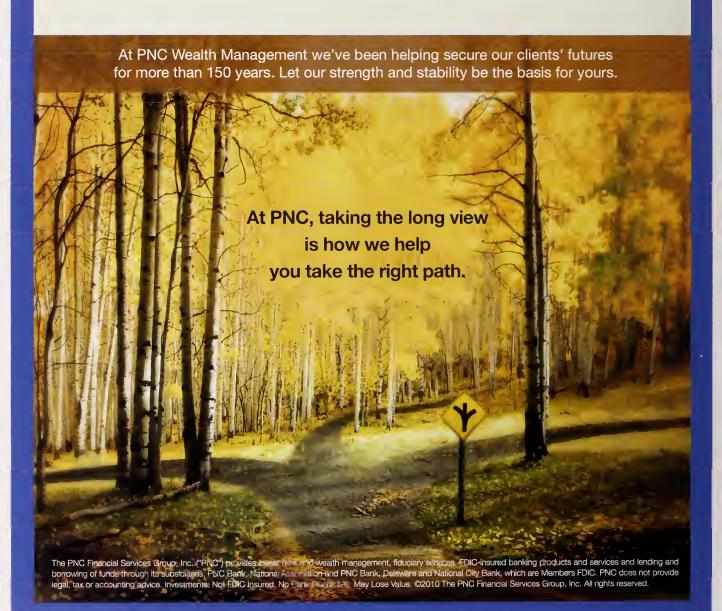


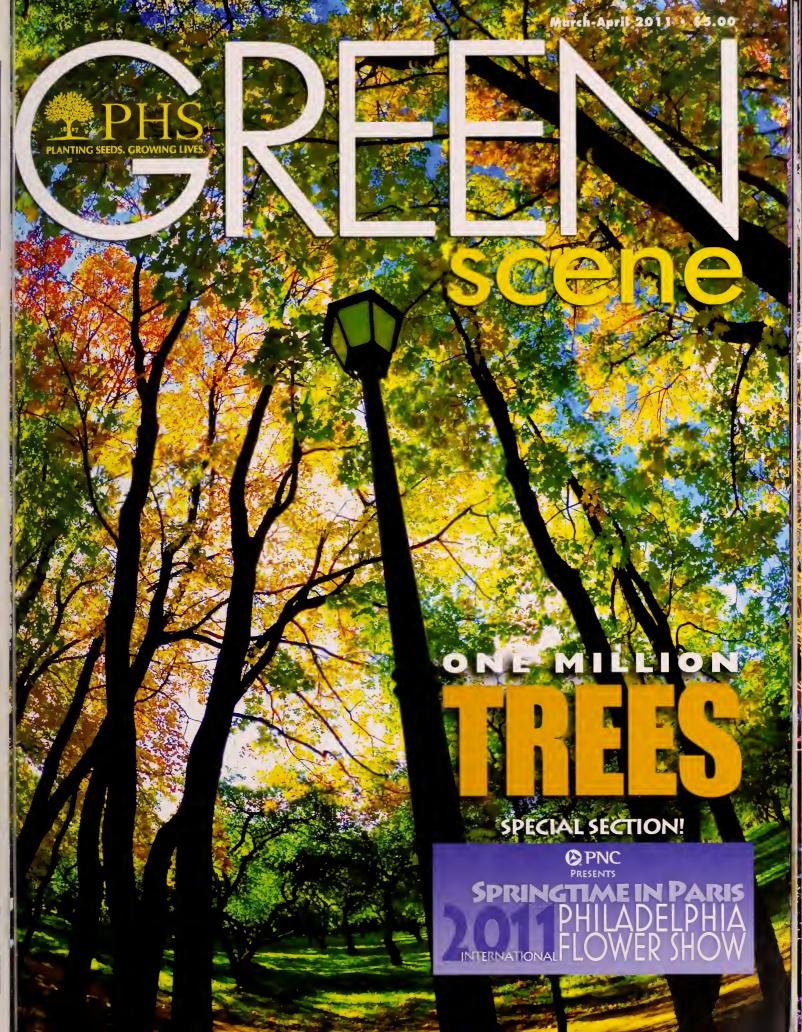




To put your trust in someone else's hands is to have complete confidence in them. We earn this trust by providing clients with an experienced team that will listen, understand and then develop a customized plan to achieve their goals. When it comes to helping guide our clients in building their future, we look for solutions that will benefit them in the long run. Our long-term perspective has made us one of the best-performing large banks in America today and it is also the same perspective we apply to managing our clients' wealth.

To find out how we can help you, call 1-888-762-6226 or visit pnc.com/wealthmanagement.







January 22 - March 27



Imagine a 4-acre indoor conservatory where thousands of blooming orchids drape the walls, flow from pedestals, and are fashioned into curtains.

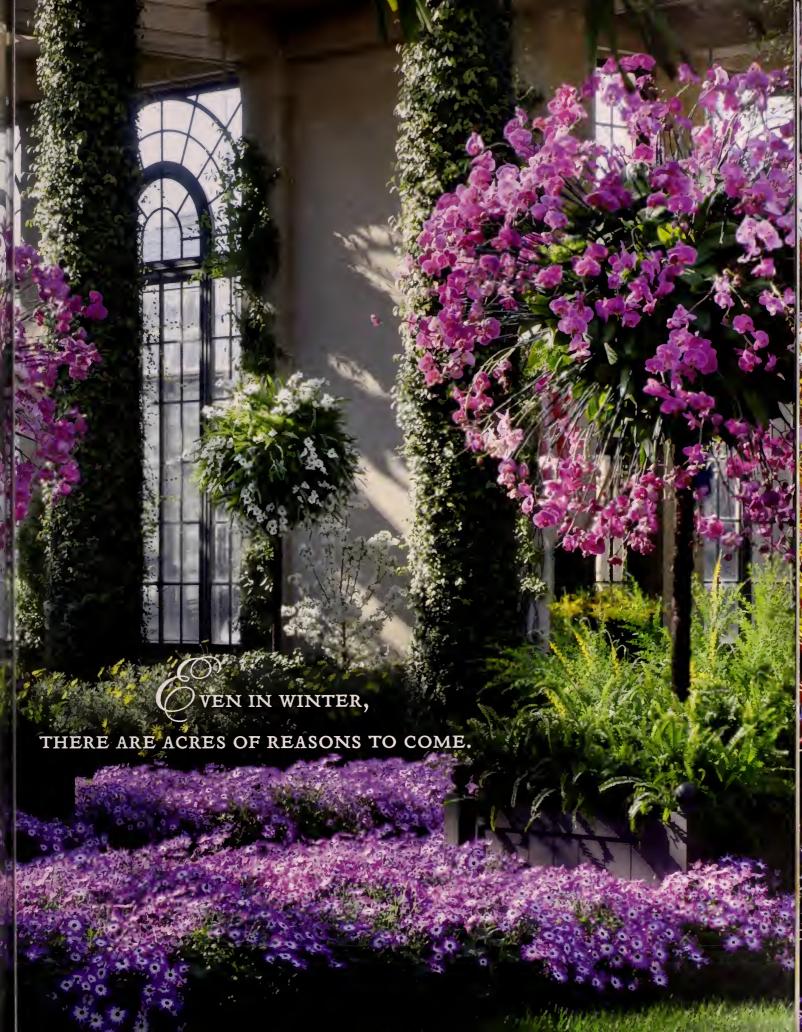
Experience 20 rooms of pure sunshine where spring has never left. And your family won't want to, either.

Longwood Gardens,

LONGWOODGARDENS.ORG

DON'T MISS THE RETURN OF THE INTERNATIONAL ORCHID SHOW & SALE MARCH 25-27!



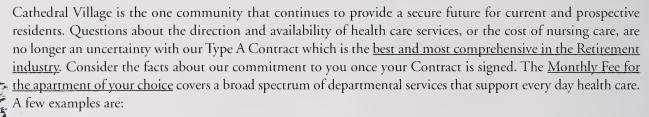


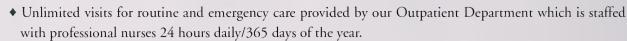
Cathedral Village

We Are Pleased to Announce . . .
Our New Refundable Entrance Fees
Offering 90%, 75% and 50% Refunds

Now combine our Extensive Type A Contract with one of three Refundable Entrance Fees. This is an opportunity to move in at a younger age and know that you have taken an even greater step toward preserving your personal finances, as long as you are

under 85 years of age. Our Standard Basic Entrance Fees continue to be offered with no maximum age limit.





- Thomas Jefferson Physicians, Certified in Gerontology, on-site 5 days a week, and always on call.
- Unlimited stays in Bishop White Lodge, our skilled nursing facility.
- ♦ The quality of our 12-hour day Dining Services program which accommodates the dietary requests of each resident, including those needing special diets, and by serving three full meals every day prepared by our own Executive Chef and his staff of Sous Chefs.
- ♦ Our state-of-the-art Health Club with indoor pool, a spacious Fitness Center, personal direction and assistance of our Health Club Director, Water-Aerobics and Exercise classes, along with Yoga and Tai-Chi classes.
- ♦ Our own Security Department, staffed 24 hours daily/365 days a year, provides all transportation services.

Monthly fees also cover numerous professional concerts in Cathedral Hall, year-round Village College courses, Horticultural and Greenhouse classes and seminars, or Painting and Pottery classes. Enjoy a relaxing swim in the pool winter or summer, compete with friends on the Putting Green or use the Art Studios and Craft Shop for quiet creative time.

Learn More About the Four Entrance Fee Options!

Visit Monday through Friday—9 AM to 3 PM. Appointments are needed for weekends.

Cathedral Village 600 East Cathedral Road Philadelphia, PA 19128 www.cathedralvillage.com (215) 984-8621







Cathedral Village is a Nonprofit, Nondenominational Continuing Care Retirement Community Accredited by CARF-CCAC Since 1984 • Affiliated With the Jefferson Health System Since 1986













Features

2011 PHILADELPHIA INTERNATIONAL FLOWER SHOW

12 Springtime in Paris

Come to the 2011 Philadelphia International Flower Show for the quickest trip to Paris you'll ever take.

14 Inspiration from the Show

Get a quick lesson on French garden style and design.

SPECIAL TREE SECTION

20 How Do They Do That?

Ever wonder how exhibitors get those giant trees into the Flower Show? Let's find out.

24 One Million Trees

Join PHS as we launch the Plant One Million campaign in the Philadelphia region.

28 How Do You Prune a Lilac?

Learn these quick tips to make your spring bloomer look even better.

36 A Forest in the City

Inspiring people share inspiring ideas for growing trees in the city.

40 Thin is In!

Need a tree for a tight space? Look here for the latest skinny trees.

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture

Cover photo: Dzmitry Siarou | Dreamstime.com

Columns

48 Designing with Trees

Find out how branches can add structure to your arrangements.

50 Lemon Lift

Freshen up your property with two citrus-scented magnolias.

54 Quiz Whiz!

Take our Flower Show quiz and find out your secret gardening persona!

"GO GREEN" BY READING *GREEN SCENE* ONLINE!



Want to read *Green Scene*online? An electronic version
of *Green Scene* will be
available beginning with the
March 2011 issue. A special
link to the next issue will be

sent to your inbox upon publication. To submit your email address or to "opt out" of the print edition of the magazine, send an email to

memserve@pennhort.org.

This will help us reduce our printing and mailing costs, and better still, you can opt back in at any time and go back to the paper version. Please join PHS in helping to conserve paper by trying out our new e-magazine. We think you'll like it!

COLONIAL WILLIAMSBURG'S 65TH ANNUAL GARDEN SYMPOSIUM



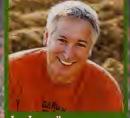




Doug Tallamy, Ph.D. professor and chair, department of entomology and wildlife ecology, University of Delaware



Suzy Bales author, lecturer, floral arranger



Joe Lamp'l founder and CEO, The joe gardener Company; executive producer and host, Growing a Greener World

APRIL 10 & 11, 2011





For more information: history.org/conted 1-800-603-0948 dchapman@cwf.org

12 10 713520

Retirement Living at Waverly Heights



Share your dream of the ideal retirement lifestyle, and Waverly Heights will bring it to life

Chances are you have a vision of how you'd like your retirement to look and feel. We believe you should have your way. So, we've spent twenty-five years fine-tuning our services to put the retirement lifestyle you seek within easy reach. We have the residence, the chef, the housekeeper, the programs director, the trainer...and a long list of other superb professionals and resources happily in place. We're just waiting for you to give us the chance to deliver.

Visit soon to tell us all that you have in mind.





1400 Waverly Road, Gladwyne, PA 19035-1296 Tel: 610.645.8764 Fax: 610.645.8611 www.waverlyheightsltd.org A nonprofit, non-sectarian lifecare community





march-april 2011

Editor Pete Prown

Senior Editor Jane Carroll

Associate Editor
Daniel Moise

Staff Photographer Margaret Funderburg

Art Design Baxendells' Graphic

Printer
ALCOM Printing Group, Inc.



Website PHSonline.org

100 N. 20th St. Philadelphia, PA 19103-1495 215-988-8800

> Chair John K. Ball

President Drew Becher

Vice President, Programs Maitreyi Roy

PHS Membership Information Linda Davis, 215-988-8776

Display & Classified Ads Manzo Media Group 610-527-7047 mmanzo@manzomediagroup.com

Garden Q & A Phone Line 215-988-8777, Monday through Friday, 9:30 to 12 [closed in December] askagardener@pennhort.org

GREEN SCENE (USPS 955580),

Volume 39, No. 2, is published bi-monthly
(January, March, May, July,
September, November) by the
Pennsylvania Horticultural Society,
a nonprofit member organization at
100 N. 20th St.,
Philadelphia, PA 19103-1495
Single Copy: \$5.00
(plus \$2.00 shipping).
Second-class postage paid at
Philadelphia, PA 19103.

POSTMASTER: Send address change
to GREEN SCENE
100 N. 20th St., Philadelphia, PA 19103.

© 2011 Pennsylvania Horticultural Society









Dig deeper...

be enchanted. be delighted. be inspired.

BANK TO BEND GARDEN LECTURE: FROM ART INTO LANDSCAPE

March 12, 11:00 am

Landscape architect and artist W. Gary Smith will explore the ways artists unleash their creativity and create inspiring gardens. With illustrations from his own work and from historic gardens like Winterthur, Smith will demonstrate how to create gardens that connect a local sense of place with a personal sense of art and design. \$20; \$15 Members. To register, call 800.448.3883.

FLOWER POWER!

Spring brings month after month of glorious blossoms to Winterthur's March Bank, Sundial Garden, Azalea Woods, and Peony Garden. Visit often to enjoy a succession of showstopping blooms!

Winterthur is nestled in Delaware's beautiful Brandywine Valley on Route 52, between 1-95 and Route 1.



www.yellowspringsfarm.com

GREAT WATERSCAPES AT AFFORDABLE PRICES





ezzotti Brother

Distinctive Water Gardens

EXCEPTIONAL QUALITY, EXCEPTIONAL SERVICE

A FULL SERVICE COMPANY SPECIALIZING IN:

- Tree Service
- Ponds & Pondless Water Features (Aquascape Certified Contractor)
- Outdoor Lighting
- Professional Landscape **Design & Installation**
- Patios & Walkways
- . Maintenance & Drainage
- Call for Pricing

Call 610-647-1028 • www.PezzottiBros.com • Email us at: PezzottiBros@comcast.net



Uniquely Beautiful

OUR COMMUNITY. OUR LIFESTYLE.

Welcome to Meadow Lakes, a place where natural beauty forms the backdrop to a retirement lifestyle that reflects the way you want to live. Our campus is a wooded green retreat with three lakes on 103 lush acres. We're also a registered arboretum, a reflection of the quality and diversity of our outstanding collection of trees.

Life at Meadow Lakes is amenity-filled and maintenance-free. Our full-service retirement lifestyle means great dining, weekly housekeeping and high-quality healthcare on-site, in case you should need it.

Call today to schedule your personal tour of our beautiful community, and we'll send you your very own full-color 2011 "Trees of Meadow Lakes" calendar.

Quantities are limited, so call today! (800) 564-5705

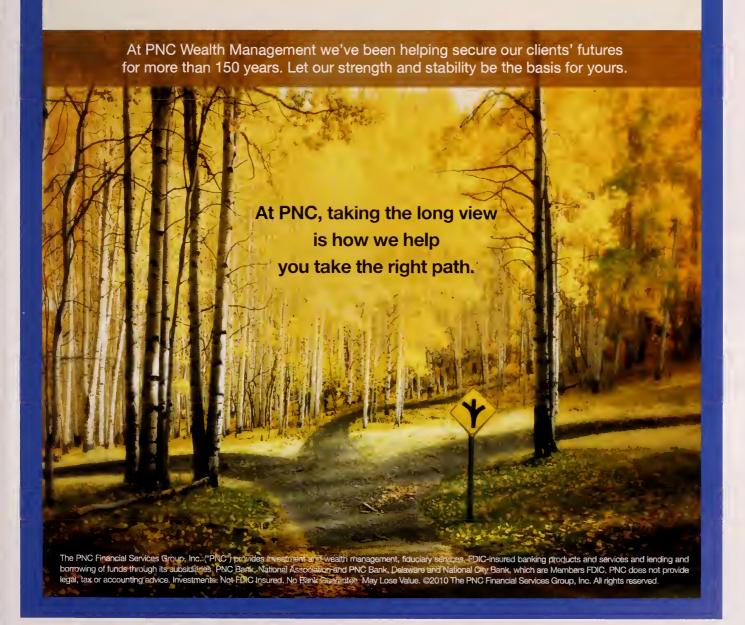
300 Meadow Lakes, East Windsor, NJ 08520





To put your trust in someone else's hands is to have complete confidence in them. We earn this trust by providing clients with an experienced team that will listen, understand and then develop a customized plan to achieve their goals. When it comes to helping guide our clients in building their future, we look for solutions that will benefit them in the long run. Our long-term perspective has made us one of the best-performing large banks in America today and it is also the same perspective we apply to managing our clients' wealth.

To find out how we can help you, call 1-888-762-6226 or visit pnc.com/wealthmanagement.





CURRENT APS MEMOIRS

Peter Collinson and the Eighteenth-Century Natural History Exchange Jean O'Neill and Elizabeth P. McLean Vol. 264 - \$75.00 • Cloth ISBN: 978-0-87169-264-1

POLAR HAYES: The Life and Contributions of Isaac Israel Hayes, M.D. Douglas W. Wamsley Vol. 262 - \$75.00 • Cloth ISBN: 978-0-87169-262-7

Patriot-Improvers, Volume III Whitfield J. Bell and Charles Griefenstein Vol. 228 - \$60.00 • Cloth ISBN: 978-0-87169-228-3

Volume One (1997) -- \$40 Volume Two (1999) -- \$40 Volume Three (2010) -- \$60 Three-volume set -- \$125

CURRENT APS TRANSACTIONS

Johann Schöner's Globe of 1515: Transcription and Study Chet Van Duzer Vol. 100, Part 5 - \$35 • Paper ISBN: 978-1-60618-005-1

The Ground Sloth Megalonyx (Xenarthra: Megalonychidae) from the Pleistocene (Late Irvingtonian) Camelot Local Fauna, Dorchester County, South Carolina Steven E. Fields Vol. 100, Part 4 - \$35 • Paper

ISBN: 978-1-60618-004-4

Alhacen on Refraction: A Critical Edition, with English Translation and Commentary, of Book 7 of Alhacen's De Aspectibus, the Medieval Latin Version of Ibn al-Haytham's Kitāb al-Manāzir A. Mark Smith Vol. 100, Pt. 3 - \$35 each;

\$50 set Paper ISBN: 978-1-60618-003-7 ISBN: 978-1-60618-006-8 2010 J.F. LEWIS AWARD WINNER Learning Greek in Western Europe, 1396–1529: Grammars, Lexica, and Classroom Texts Paul Botley

Vol. 100, Pt. 2 - \$35 • Paper ISBN: 978-1-60618-002-0

Sporting with the Classics: The Latin Poetry of William Dillingham Estelle Haan

Vol. 100, Pt. 1 - \$35 • Paper ISBN: 978-1-60618-001-3

Playing with Fire: Histories of the Lightning Rod Peter Heering, Oliver Hochadel, David J. Rhees (editors) Vol. 99, Pt. 5 - \$35.00 • Paper ISBN: 978-1-60618-995-5

Magnetic Fever: Global Imperialism and Empiricism in the Nineteenth Century Christopher Carter Vol. 99, Pt. 4 - \$35.00 • Paper ISBN: 978-1-60618-994-8

Choosing Selection: The Revival of Natural Selection in Anglo-American Evolutionary Biology, 1930-1970
Stephen G. Brush
Vol. 99, Pt. 3 - \$35 • Paper ISBN: 978-1-60618-993-1
2009 J. F. LEWIS

AWARD WINNER

THE MOST IMPORTANT CLOCK IN AMERICA The David Rittenhouse Astronomical Musical Clock at Drexel University Ronald R. Hoppes Vol. 99, Pt. 2 - \$35 • Paper ISBN: 978-1-60618-992-4

Descended From Darwin: Insights into the History of Evolutionary Studies, 1900-1970
Joe Cain and Michael Ruse (editors)
Vol. 99, Pt. 1 - \$35 • Paper ISBN: 978-1-60618-991-7

The Long Route to the Invention of the Telescope Rolf Willach Vol. 98, Pt. 5 - \$35 • Paper ISBN: 978-1-60618-985-6

The Invention of the Telescope Albert van Helden Vol. 67, Pt. 4 - \$30 • Paper Original print date 1977; reprinted 2008 ISBN-10: 0-87169-674-6 ISBN-13: 978-0-87169-674-8

Sophie de Grouchy, Letters on Sympathy (1798): A Critical Edition Karin Brown Letters translated by James E. McClellan III

Vol. 98, Pt. 4 - \$35 • Paper ISBN: 978-1-60618-984-9

Raising Kane: The Construction of Dr. Kane, Hero of the Romantic Age Mark Metzger Sawin Vol. 98, Pt. 3 - \$ 35.00 • Paper ISBN: 978-1-60618-983-2

Franz Boas and W. E. B. Du Bois at Atlanta University, 1906 Rosemary Lévy Zumwalt Vol. 98, Pt. 2 - \$35 • Paper ISBN: 978-0-87169-982-4 2008 J.F. LEWIS AWARD WINNER

Alhacen on Image-Formation and Distortion in Mirrors: A Critical Edition, with English Translation and Commentary, of Book 6 of Alhacen's De Aspectibus, the Medieval Latin Version of Ibn al-Haytham's Kitáb al-Manázir A. Mark Smith Vol. 98, Pt. 1 - \$29 each; \$42 set • Paper ISBN: 978-1-60618-981-8

"TO 00 JUSTICE TO HIM & MYSELF": Evert Wendell's Account Book of the Fur Trade with Indians in Albany, New York, 1695-1726 Edited and Translated by Kees-Jan Waterman with linguistic information by Gunther Michelson ISBN: 978-1-60618-912-2 LIGHTNING ROD PRESS,

THE CHINDALI LANGUAGE OF MALAWI - 3 volumes - \$100.00 for set

VOLUME 4 \$50.00 • Paper

Volume 1 - A Chindali and English Dictionary, with an Index to Proto-Bantu Roots Robert Botne, in collaboration with Loveness Schafer ISBN: 978-1-60618-909-2 LIGHTNING ROD PRESS, VOLUME 1 \$45.00 • Paper

Volume 2 - A Grammatical Sketch of Chindali, Malawian Variety Robert Botne ISBN: 978-1-60618-910-8 LIGHTNING ROD PRESS, VOLUME 2 \$35.00 • Paper

Volume 3 - Narratives of Chindali Life and Culture Compiled and analyzed by Robert Botne, in collaboration with Loveness Schafer ISBN: 978-1-60618-911-5 LIGHTNING ROD PRESS, VOLUME 3 \$40.00 • Paper

LIGHTNING ROD PRESS TITLES

Darwin's Disciple: George John Romanes, A Life in Letters Joel S. Schwartz ISBN: 978-1-60618-920-7 LIGHTNING ROD PRESS, VOLUME 5 \$60 • Paper



AMERICAN PHILOSOPHICAL SOCIETY

104 South Fifth Street Philadelphia, PA 19106-3387 (Tel) 215-440-3425 (Fax) 215-440-3450

BOOK ORDERS: Please contact our fulfillment service— Diane Publishing Co., P.O. Box 617, Darby, PA 19023 (phone 800-782-3833; fax 610-461-6130). Online orders may be sent to orders@dianepublishing. net. See our website for recent catalogs and backlist: www.aps-pub.com.





his March, Flower Show visitors will enjoy a day in Paris without having to get on a plane. The 2011 Show is themed *Springtime in Paris* and will include all things French, from flowers to design to cuisine, and yes, even a massive, brilliantly lit Eiffel Tower. Let's begin our journey.

Visitors will feel as though they are literally stepping from one continent to another as they enter the Show. A stunning Parisian park filled with an *allée* of cherry and zelkova trees and blooming flower beds, planted in an Art Nouveau design, will provide a luxurious setting for the 75-footwide, 33-foot-tall Eiffel Tower. Using a bit of *trompe-l'wil*, the tower will appear to magically disappear through the roof of the convention center. The structure will have 1,000 lights on it that move in time with music wafting through the air.

Amid the 25,000 tulips in bloom, along with roses, delphiniums, cleome, and petunias, music and imagery in the form of *plein air* painters, mimes, and strolling accordion players will enthrall visitors. And it wouldn't be Paris without a line of can-can dancers, as well as musicians playing bistro *jazz à la* Edith Piaf or Django Reinhardt. Also look for the ubiquitous Parisian flower carts and lavender stands.

A veritable bouquet of French-themed exhibits will include "Romantic Paris," capturing the scene of a fantasy wedding at Nôtre Dame Cathedral, replete with gargoyles and hunchbacks, by Robertson's Flowers. "Gourmet Paris," a rooftop garden filled with herbs, flowers, and an espalier, will be presented by Stoney Bank Nurseries. Michael Petrie's Handmade Gardens will build an "Artists' Paris," a surreal portrayal of never-before-seen masterpieces under water.



201 1 PHILADELPHIA FLOWER SHOW

To Benefit:



All proceeds from the Philadelphia International Flower Show, including tickets and sponsorship contributions, benefit the Pennsylvania Horticultural Society and its acclaimed urban greening program, Philadelphia Green. Thank you for your support.

DATES:

Sunday, March 6 through Sunday, March 13

PHS Members' Preview Saturday, March 5: 12 noon to 3:30 pm (household and leadership levels only)

PLACE:

Pennsylvania Convention Center 12th & Arch Streets Philadelphia, PA 19107-2299

HOURS:

Sundays, March 6 & 13: 8 am to 6 pm Monday through Friday,

March 7 - March 11: 10 am to 9:30 pm Saturday, March 12: 8 am to 9:30 pm

(Best viewing hours are after 4 pm) Box Office closes one hour before Show closing on all days.

TICKET PRICING:

Online visit *theflowershow.com* (service charges apply) Adult: \$25 • Student (17-24): \$20 • Child (2-16): \$15

Box Office at the Show

Adult, Opening Day (March 6): \$30 Adult, Monday - Friday: \$26 Adult, Closing Weekend

(Sat., March 12 and Sun., March 13): \$28

Student: \$20 • Child: \$15

Student tickets available online and at the Flower Show Box Office. You must present a valid student ID and proof of age to receive discount.

Advance General Admission

(*Service charge may apply. Please call retailer for details, link to retail list below)

Adult: \$25 • Child: \$15

Group: Adult: \$24 • Child: \$15

Purchase at Retail Outlets

*PNC Bank branches, AAA Mid-Atlantic, ACME Markets, Boscov's, Giant Food Stores, SEPTA ticket sales outlets, local garden centers, nurseries, and florists. Service charges may apply. Call store for details.

** Please note that the Flower Show Value Pak and Family Fun Pak are not available at retail locations. The Family Fun Pak may be purchased online or at the box office, while the Flower Show Value Pak is *only* available online.

Recorded Information:

215-988-8899 (recorded information)

Wheelchair Rentals:

Rentals are \$15 a day on a first-come, first-serve basis. The rental booth is located on the Show Level Concourse outside of B Hall. Passenger drop-off is located at 11th and Arch streets. Volunteer aids are available.

The American Institute of Floral Designers will design a flowery modern-art installation with "Underground Paris" catacombs. In an exhibit titled "Timeless Paris," Burke Brothers Landscape Contractors will create a modern French garden inspired by Medieval times. A charming Belle Époque parlor with a small formal garden outside its window will portray "Opulent Paris," by Jamie Rothstein Floral Design, who will team up with French antiques collector John Whitenight. All of this, of course, is only the tip of the *Champs-Élysées*.

Look for flower-stuffed animals like peacocks, snails, dolphins, and ponies all leading the way to the Carousel Stage. The University of Delaware, the American Orchid Society, and the Boxwood Society will present special gardening how-to exhibits. Children's activities will take place daily in the Family Lounge, and every night a

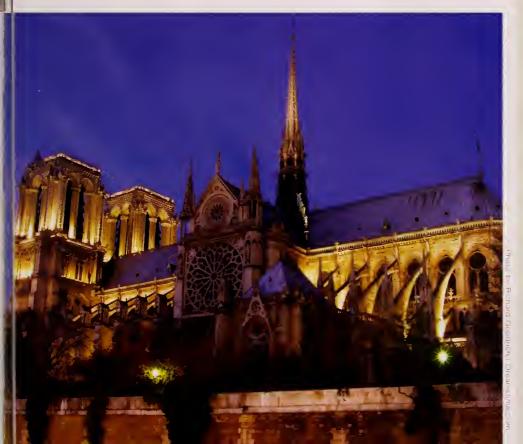
new event with themed activities will welcome girlfriends, guy-friends, the after-work crowd, and families.

PNC will celebrate its 20th year as Presenting Sponsor of the Philadelphia International Flower Show with a Living Wall (designed by Michael Petrie).

At the PHS display, Show visitors will learn about PHS's work to transform the Benjamin Franklin Parkway, its City Harvest program that feeds 1,000 families in the city each week, and the PHS Gold Medal Plant Award program. You can also buy plants from Meadowbrook Farm and renew your PHS membership. And for home gardeners, of course, the Flower Show Shoppe and Marketplace will offer a multitude of gifts, products, and ideas.

See you at the Show!

QVC is teaming up with PHS to broadcast live from this year's Flower Show. Reaching more than 98 million U.S. homes, the leading multimedia retailer will give viewers a sneak peek inside this exciting event with two scheduled broadcasts on Thursday, March 10 at 1 PM (ET) and 8 PM (ET). It's all part of QVC's 25th anniversary celebration.









Inspiration from Le Javoin

ant to give your garden a little Parisian flair? At the 2011 Flower Show, you will see a wide variety of Frenchstyle design, from formal knot and parterre gardens to lavish naturalistic plantings and potager kitchen gardens. Let's take a look at some of France's finest gardens for even more inspiration.

LE CLOS DU COUDRAY is an organic garden northwest of Paris. According to the website *gardenvisit.com*, "The garden is divided into distinct rooms—there is a *potager*, rock garden, exotic garden and rose garden with pergola." Being organic, the garden has a natural design and features moisture-loving ostrich ferns, not unlike many gardens in the Delaware Valley. One distinctly French touch, however, is the restrained color palette, a gentle blend of chartreuse, dark plum, sherbet orange, and a variety of green hues.

At the Château de Villandry, a formal Renaissance garden was reimagined by a twentieth-century owner to include the ornamental use of vegetables and thematic gardens, including a Garden of Love and Garden of Music. The vast *potager* may seem historic, but the artistic plantings of lettuces and cabbages are completely modern and in keeping with the contemporary idea of "edible landscapes."

In the GIVERNY garden of Impressionist painter Claude Monet, the phrase "art imitates life" quickly comes to mind, as the artist frequently used his landscape as a painting subject ... or was it the other way around?

Glimpses of French Garden Design

By Pete Prown Photography by Derek Fell & Alan Detrick



The new 2011 Forester is your wheelbarrow, garden shed and greenhouse all rolled into one. Built in a zero landfill plant, it comes with Symmetrical All-Wheel Drive standard and has won more awards than any other small SUV.* Just a few reasons why it's both gardener- and Mother Nature-approved. **Love. It's what makes a Subaru, a Subaru.**



Forester® Well-dulipped at \$20,495





Either way, Monet's garden reveals a strong Japanese influence, which was quite fashionable in the late nineteenth century. And certainly, he was aware of the shimmering effect that his plantings would have when reflected in the pond's water.

If you visit the eighteenth-century Château de Canon, in Normandy, you will find a garden shaped by the Age of Enlightenment. While one normally associates roses with England, they are also integral to many northern French gardens, especially since Normandy shares a moist and rainy climate with the UK. Above, you can behold the lovely juxtaposition of formal sculpture and blowsy red roses.

At LE VASTERIVAL, the garden of the late Princess Sturdza near Dieppe, "trees, shrubs, perennials, climbers, and bulbs flourished in a series of woodland glades," notes the Royal Horticultural Society. In this image, a blooming mass of clematis grows on the house, creating a fantasy-like vision. Its natural form is nicely contrasted by the formal hedges in the foreground.

CELEBRATE 100 YEARS OF ACADEMIC EXCELLENCE WITH TEMPLE UNIVERSITY AMBLER!



MARCH 20: 100 YEARS OF AMERICAN WOMEN IN GARDENS

In partnership with the Pennsylvania Horticultural Society Learning Center Auditorium, Noon to 5 p.m.

MAY 7: ANNIVERSARY PLANT SALE

Ambler Campus Greenhouse, 10 a.m. to 3 p.m.

June 12: Northview Garden Tour and Fundraiser

Northview, Noon to 5 p.m., Call for Reservations

Visit www.ambler.temple.edu/anniversary for more information.

580 Meetinghouse Road Ambler, PA 19002 267.468.8000 www.ambler.temple.edu



THE PHILADELPHIA ANTIQUES SHOW

A BENEFIT FOR



PENN MEDICINE

APRIL 9-12, 2011

Visit Philadelphia
this spring for the 50th celebration of
The Philadelphia Antiques Show,

featuring **50 distinguished exhibitors**offering the finest American antiques
and decorative arts.

Several added events for the 2011 Show are *free* with admission including:



• CELEBRATING FLOWERS Jane Godshalk, AIFD
THROUGH THE AGES

Monday, April 11 | 11:30 am

Historical Floral Designs Reinterpreted with Modern Techniques — a lecture and demonstration by internationally renowned floral designer, Jane Godshalk, AIFD.

• ANTIQUES IN BLOOM

A juried flower exhibit running throughout the event displaying exceptional flower arrangements created to complement the dealers' booths and galleries. There will be an opportunity to meet some of the accomplished flower arrangers on Monday afternoon, April 11.

Show offers group admission rates, hotel packages, daily guided show tours and special events. Free parking at The Navy Yard and complimentary shuttle service available from 30th Street Station in Philadelphia.

PhilaAntiques.com

The Navy Yard Philadelphia Cruise Terminal at Pier One Show managed by Keeling Wainwright Associates

PRESENTING SPONSOR

Drexel Morgan & Co.
— Investment Management —



Plant Ahead...

Lang-range brainwark and elegant spade-wark display the full value af yaur praperty year after year.
Landscape Design Graup achieves distinctive landscape architecture that cantinues ta imprave and enhance yaur praperty with a minimum af upkeep.

Yau'll enjay a custam design, quality executian, and an-time campletian well within yaur budget.

Ta review aur residential partfalia and discuss yaur ideas, please call Michael ar Frank Mantemura at 215-340-7890. We dig far elegance.

LANDSCAPE DESIGN GROUP, INC

Londscope Architecture and Construction Daylestawn, PA • 215-340-7890

www.londscapedesigngraupinc.com





Heat Shed

Solar Photovoltaic Systems
Residences & Commercial Systems

P: 610-847-2064 F: 610-847-2110 www.heatshed.com Heat Shed 267 Rock Ridge Rd. Revere, PA 18953



Since 1977

Philadelphia Flower Show Booth #337



One of France's most-loved gardens is at the CHÂTEAU DE BAGATELLE, a neoclassical estate featuring an abundance of spectacular roses, tulips, irises, and water lilies. It sports a formal parterre design and more than 1,000 varieties of roses that explode in May and June.

Feeling inspired yet? You will after you visit *Springtime in Paris* in a few weeks. Until then, *au revoir, mes amis.*

What is a Jardin Potager?

The traditional kitchen garden, also known as a potager (in French, *jardin potager*), is a space separate from the rest of the residential garden—the ornamental plants and lawn areas. Most vegetable gardens are still miniature versions of old family farm

plots, but the kitchen garden is
different not only in its history, but also in
its design. The kitchen garden may serve
as the central feature of an ornamental, allseason landscape, or it may be little more
than a humble vegetable plot. It is a source
of herbs, vegetables, fruits, and edible

flowers, but it is often also a structured garden space with a design based on repetitive geometric patterns. The kitchen garden has year-round visual appeal and can incorporate permanent perennials or woody shrub plantings around (or among) the annuals.

-wikipedia.com



More Time - More Friends - More Choices

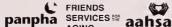
Setting Standards of Excellence in Retirement Living Since 1967

 \mathcal{L} t Foulkeways at Gwynedd, community members look forward to exploring new horizons and re-establishing past interests and hobbies. There's always something close at hand to inspire both mind **AND** body! So, what are you doing with the second half of YOUR life?

For more information about life at Foulkeways Continuing Care Retirement Community, call Lori Schmidt at **215-283-7010** in the Residency Information Office today.







FRIENDS





Guided by Time-Honored **Quaker Values**

1120 Meetinghouse Road, Gwynedd, PA 19436 215-643-2200 • www.foulkeways.org

Foulkeways® at Gwynedd does not discriminate on the basis of race, color, religion, national origin, sex, handicap or sexual orientation.

Uncover ancient and scenic Ireland

From Powerscourt House and Gardens in County Wicklow, to the magnificence of Dunluce Castle in Country Antrim and its majestic setting on the Causeway Coast, Ireland's castles, great houses and gardens are a constant source of delight. Your vacation will be filled with delightful discoveries at every turn.

To start planning your vacation visit discoverireland.com









SHOW TREES

How Do They Get those Big Trees into the Flower Show?

By Betsie Blodgett

ure, it's called the Philadelphia International Flower Show, but PHS's annual spring event would hardly be the same without some serious arboreal representation. "Trees make our Flower Show gardens feel real," says Flower Show designer Sam Lemheney. "They give you the canopy, the color above your eye. It would be a 'flat' show without the trees you see in nearly every exhibit."

Lemheney, who loves to have "anything big and flowering" when it comes to trees for the Show's main garden displays, relies on expert tree "forcers" like Jack Blandy to provide the flowering kwanzan and okami cherry trees, as well as lush zelkovas and European lindens that will greet visitors as they enter Springtime in Paris, the 2011

Flower Show forcing—the technical term for tricking plants into flowering or leafing out the first two weeks in March, well in advance of Mother Nature's schedule—is an art and a science. Blandy has been forcing trees for some 30 years, both for his familyowned Stoney Bank Nurseries exhibits and for PHS and other clients.

"A lot of people don't realize how much effort it is to select the right tree to force," Blandy says. "You can't just go out and dig up any old tree."

Selected specimens are brought into two of Stoney Banks's eight greenhouses that have been designed specifically for forcing trees, complete with heated floors, carbon dioxide generators, and drip irrigation for the "balled and burlapped" roots. Larger trees are turned on their sides and rotated on a specific schedule to ensure even growth; with some trees topping 30 feet, horizontal forcing is the only way to grow them in the 18-foot-high greenhouse.

Some trees are a snap to force, while others are notoriously difficult. "Birches, cherries, and dogwoods are the easier ones," Blandy explains. "Stewartias, parrotias, and katsuras are more difficult, and beeches and oaks are the toughest."

Blandy likes to try something new for every Flower Show, and this year is no exception. For Stoney Banks' Parisian rooftop garden, look for flowering pears, apples, and apricots, some in espalier form. "The tricky thing will be to hold them and not let them flower too soon," he says.

Getting trees to the Show requires planning, not to mention special equipment to load trees weighing up to 800 pounds, with a 60-inch root ball on one end and

an 18-foot spread of branches, leaves, and flowers on the other. Once in place on the Show floor, well-planned grading and carefully placed boulders, shrubs, and larger perennials hide the root balls.

PHS's Meadowbrook Farm, which forces the majority of the annuals and perennials exhibitors use at the Flower Show, also forces smaller-scale trees in containers. "Trees at the Flower Show add a dimension of 'permanence'," notes John Story, director of Meadowbrook.



To find out more about trees that thrive in this region, Story suggests visiting PHS's Gold Medal exhibit, where visitors can see live award-winning trees in a garden setting, talk with tree experts, and pick up a list of current and past Gold Medal winners.

Special awards are given specifically for trees in exhibits, including the Pennsylvania Landscape and Nursery Association Trophies and the Kate and Robert Bartlett, Jr., Award.

PHS President Drew Becher says visitors will want to check out the exhibit to learn about the ambitious program PHS will help lead to plant one million trees in Pennsylvania, New Jersey, and Delaware. This campaign officially debuts at the Flower Show on Thursday, March 10, the same day as the annual tree care conference sponsored by Bartlett Tree Experts.

"Like the Flower Show, trees are a great equalizer," Becher says. "No matter where you live, trees are so important. They improve the quality of life in every community."





0 - 60in 6.9 green seconds.



The X5 xDrive35 Diesel.

EXPERIENCE ALL 265 HORSEPOWER AT OTTO'S BMW.

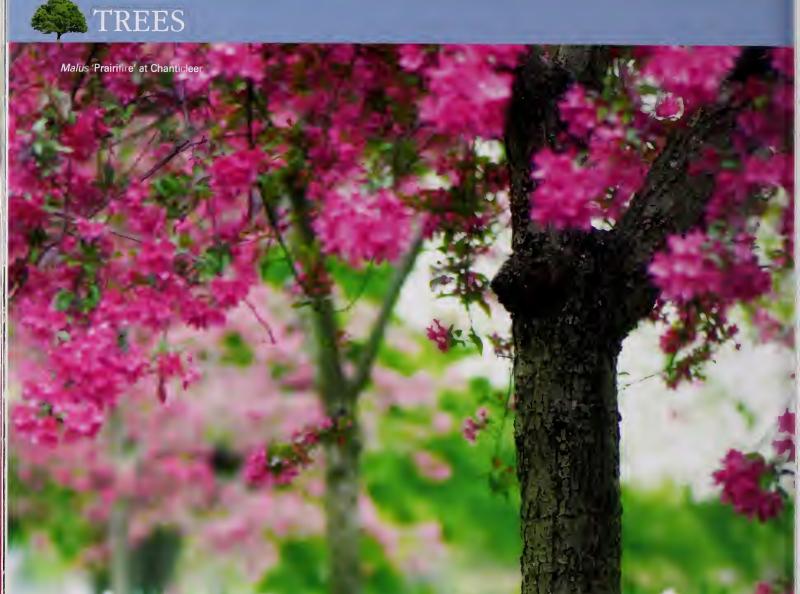






Otto's BMW QMS Certified





One Million STRONG

PHS Launches Plant One Million, a Regional Partnership to Plant Trees in Pennsylvania, New Jersey, and Delaware

Story by Jane Carroll . Photos by Rob Cardillo

"The Plant One Million campaign will have a major impact on the environment and economy of the whole region."

- PHS President Drew Becher

hese days, PHS President Drew Becher is talking trees. Lots of trees. At the 2011 Philadelphia International Flower Show, he'll announce a new PHS initiative to plant one million trees in southeastern Pennsylvania, New Jersey, and Delaware.*

Why one million? The Greater Philadelphia Region has lost millions of trees in recent decades due to development. Several years ago, the Pennsylvania Department of Conservation and Natural Resources responded with TreeVitalize, a public/private partnership led by PHS in southeastern Pennsylvania that has added 150,000 trees.

PHS will now lead Plant One Million, an expanded campaign to add one million trees in 13 counties. It will educate and mobilize volunteers throughout the region to "plant, count, and tend" trees. The goal is to restore the region's "tree canopy cover"—the area of land shaded by trees—to 30 percent.

"The Plant One Million campaign will have a big impact on the environment and economy of the whole region," says Becher, who in his prior position as director of New York Restoration Project led an initiative called Million Trees NYC.

The Power of Trees

Gardeners know that trees provide shade and beauty and serve as visual focal points. But trees do so much more. Studies show that planting a single tree on your property increases the value of your home by 10 percent and that shoppers spend more time and pay higher prices in tree-lined shopping districts than they do at barren strip malls.

More importantly, trees are environmental powerhouses. The US Forest Service estimates that 100 trees remove 1.2 tons of CO₂ per year and 130 pounds of other pollutants. Trees reduce summer cooling costs and help prevent the accumulation of ground-level ozone, which triggers or aggravates a number of respiratory illnesses.

Many people don't realize the key role trees also play in preventing flooding. The US Forest Service calculates that 100 mature trees capture 77,000 gallons of rainwater annually. And while they're absorbing all that water, trees filter out harmful substances that rainwater picks up as it travels across the ground (known as "non-point source pollution"), helping to keep our rivers and streams healthy.

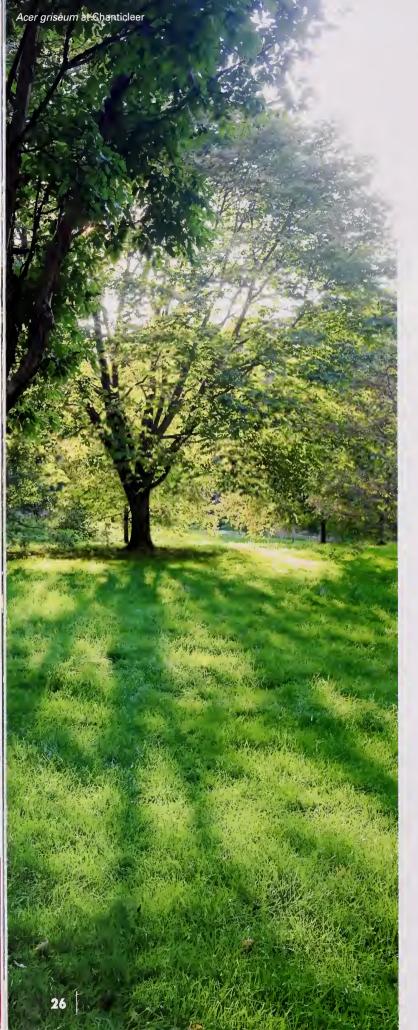
Trees do all of this for a relatively small investment—



Why is Tree Canopy Important?

The tree canopy is the upper branches or crowns of mature trees. Measuring the area of land shaded by or covered by tree canopy provides an important yardstick for a healthy environment, since trees improve air and water quality and help reduce erosion, water pollution, and flooding

The Plant One Million campaign will encompass Bucks, Chester, Delaware, Montgomery, and Philadelphia counties in Pennsylvania; Burlington, Camden, Gloucester, Mercer, and Salem counties in New Jersey; and New Castle, Kent, and Sussex counties in Delaware



reason enough to plant more of them. But according to experts, green spaces with trees also improve our physical and mental health and contribute to lower levels of crime and domestic violence.

"Each tree planted becomes a powerful engine to improve our environment and enhance the quality of life in communities throughout the region, now and for future generations," says Maitreyi Roy, PHS vice president for programs.

A Broad-Based Partnership

"To reach our goal of one million trees, we'll build partnerships with county and municipal governments, local and regional nonprofits, residents, businesses, and landowners," says Amanda Benner, who is overseeing the Plant One Million campaign at PHS. PHS will also mobilize and expand its network of more than 3,000 volunteers trained through its Tree Tenders® program.

Within Philadelphia, adding more trees is part of Mayor Michael Nutter's sustainability plan, *Greenworks Philadelphia*, which calls for planting 300,000 trees by 2015. PHS will support the city's goal by targeting private and institutional land through direct action and incentive programs. Outside the city, PHS will work with communities and partners across state lines to plant 700,000 trees. The Delaware Center for Horticulture and the New Jersey Tree Foundation will serve as lead partners in those states.

Fundraising and marketing campaigns—including corporate volunteer opportunities and outreach to government agencies, foundations, businesses, and individuals—will build support for the initiative and raise awareness about the importance of trees.

For volunteers, tree planting provides an immediate sense of accomplishment, but keeping all those new trees alive and thriving will require the ongoing commitment of more volunteers to help tend and care for them after planting. It will also depend upon the continued collaboration of government, business, and nonprofits. PHS hopes the partnerships created through Plant One Million will lay the groundwork for greater investment in green spaces for years to come.

"That's the beauty of this program," says Becher. "It will continue to build on itself."

Get Involved: Plant, Count, Tend!

Visit *PHSonline.org* or call 215-988-8800 to learn how to:

- Sign up for PHS Tree Tenders® training.
- Volunteer to plant trees in your area.
- Learn more about trees.



MEDFORD LEAS-A nationally accredited, Quaker-related, not-for-profit community for those age 55+, with campuses in Medford and Lumberton, NJ.

Member. Greater Philadelphia Gardens and APGA.

WWW.MEDFORDLEAS.ORG





THE BARTON ARBORETUM & NATURE PRESERVE at MEDFORD LEAS

Annual Arboretum Lecture

MAKING PHILADELPHIA THE GREENEST CITY IN THE COUNTRY

SATURDAY, APRIL 16, 2011, 11:00 AM

DREW BECHER

President, Pennsylvania Horticultural Society (PHS)

PHS, the nation's first horticultural society, founded in 1827, motivates and inspires people to improve their quality of life and transform their communities through horticulture. Join us for this special opportunity to hear Drew Becher highlight PHS - its positive impact on the city of Philadelphia, its signature initiatives, and his vision for its future.

Lecture followed by light luncheon fare and guided Arboretum tours.

NO CHARGE. RESERVATIONS REQUESTED PLEASE CALL 609-654-3527 TO RSVP

dubarru

What will you do in yours?...

"Visit our booth at the Philadelphia Flower Show"



Decades of Heritage & Tradition Married with Technology & A Simple Elegance Inspired by our Rugged Irish Countryside...

The Dubarry Country Collection

GORE-TEX lined® Waterproof

Breathable

Lightweight

DryFast-DrySoft™









WHIN YOUR HEACS BLOOM, SRE THE HOWERS OF HIGH FOR YOUR SMIFFING PLEASURE? OR ARE THERE HARDLY ANY LEOWERS AND ALT? IT SO, MAYEL

New lilacs (Syringa spp.) begin blooming within two to five years. While, dependent on weather or whim, they flower profusely some years and not others, judicious pruning is essential for abundant bloom. Diligent annual grooming not only improves the shape and appearance of lilacs, but also impacts health and blossom production.

Prune lilacs immediately after flowers fade. Trimming at the wrong time can remove buds for the next year's show. While plants are young, deadheading spent blooms directs the plant's energy into setting more buds. Snip off dead trusses with clippers, all the way back to the stem. Mature plants rarely need this encouragement, and eventually you'll have so many flowers the enterprise will exhaust you.

Use a saw or loppers when



By Hene Sternberg Photos by Rob Cardillo







BARTLETT. BECAUSE FULL, HEALTHY TREES MAKE FOR FULL, HEALTHY LIVES.

The trees and shrubs that shade us and grow along with us are valuable assets that deserve care and protection. For over 100 years, we've led both the science and services that make your landscape thrive. No matter the size or scope of your tree and shrub care needs, our experts provide you with a rare mix of local service, global resources and innovative practices. Trees add so much value to our lives.

And Bartlett adds even more value to your trees.





For the life of your trees.

PRUNING . FERTILIZATION . PEST & DISEASE MANAGEMENT . REMOVAL PLEASE CALL 877 BARTLETT 877.227.8538 OR VISIT BARTLETT.COM

cutting branches more than 2 inches in diameter. Horticulturist Rick Ray advises, "The first rule of thumb: don't cut a branch larger than your thumb with a hand pruner. The second rule of thumb: don't cut your thumb."

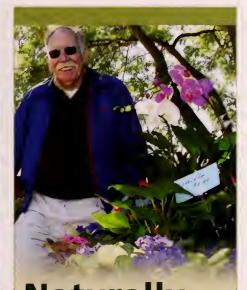
Remove water sprouts (shoots that grow straight up from a lateral branch). Trim suckers and shoots at or near ground level or where they exit the main trunk. To keep lilacs full, cut larger stems from the shrub's center to increase ventilation, inviting sun and air circulation to avert disease. This also encourages fresh branching on the plant's exterior. Sever awkward limbs and prune a few stems back to the main trunk to create a well-balanced, rounded shrub.

If your patient is large and overgrown, you can fearlessly cut the entire plant to within 6 to 8 inches off the ground in late winter (March to early April); new growth will develop during the growing season. Before cutting, verify whether your lilac is grafted. (There will be a noticeable swelling where the scion wood of the cultivar meets the









Naturally Green. Pine Run Retirement Community...

...growing beautiful gardens, good will and a healthy lifestyle in the perfect Bucks County Pennsylvania location. Owned and operated by Doylestown Hospital, Pine Run is a true continuing care retirement community. Cottages and apartments charm the campus along with many amenities such as a greenhouse, the Back - Achers vegetable garden, and a walking path with views of Pine Run Lake. Visit our mature landscape today.



www.pinerun.org







To quickly snip suckers and thin way ward branches, use a lopper.

rootstock and a difference in the bark of the two.) If your plant is grafted, cut *above* the graft union and don't let rootstock shoots grow into flowering stems, or your rejuvenated lilac will not produce the desired flowers of the cultivar. Late the following winter, select and retain several strong shoots and remove all others at soil level. Clip retained shoots to just above a bud.

If you can't bear beheading your baby all at once, you can prune over a three-year period, beginning with removing one-third of the large old stems at ground level in late winter. The following March or April, cut out one-half of the remaining old stems and thin out some new growth. Keep several well-spaced healthy stems and remove the others. Finally, eliminate all remaining old wood in late winter of year three, along with some new growth. This method should allow you to enjoy flowers every spring.

Keep lilacs vigorous by removing a few of the old branches every 3 to 5 years, and they should live nearly forever.

NEMOURS MANSION AND GARDENS

Experience the Grandeur



"Nemours has been returned to its youthful splendor and perhaps even a little bit more." — Architectual Digest

"French glory as it was." — Philadelphia Inquirer

"A visitor might believe he or she magically just stepped into Europe." - News Journal

Plan your visit today, for reservations and information: www.nemoursmansion.org | 1-800-651-6912

Alapocas Drive and Powder Mill Road (Route 141) | Wilmington, Delaware 19803







A GARDEN TO REMEMBER

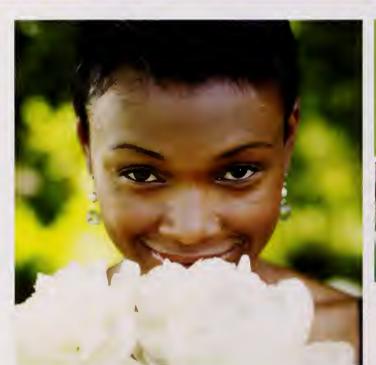
Please visit us at the Philadelphia International Flower Show, Booth#s 521, 523, 620, 622

Delightful, enchanting and beautiful **BRONZE SCULPTURE AND FOUNTAINS** to make your garden special. These elegant and timeless works of art enhance any outdoor setting.



500 Nepperhan Avenue • Yonkers, NY 10701 **Phone** 914.423.2047 • **Toll Free** 1.800.462.5851 www.RandolphRose.com Info@RandolphRose.com







The Pennsylvania Horticultural Society
Visit us at the Flower Show, booths # 301-200



Freshideas

are just around the corner.



How to Achieve a Gold Medal Garden...



Start with **High Performance Plants** from Mostardi!

We stock flowers, shrubs and trees that are recommended by the Pennsylvania Horticultural Society's "Gold Medal Award" program. They are superior plants that will provide longer-lasting beauty all around your home. Stop by today and check out our incredible collection of greenery. The colors are gorgeous. The values are exceptional. And the prices are surprisingly low for such high quality. But then, that's what you should expect from Mostardi plants. They are good as gold!



SHREINER

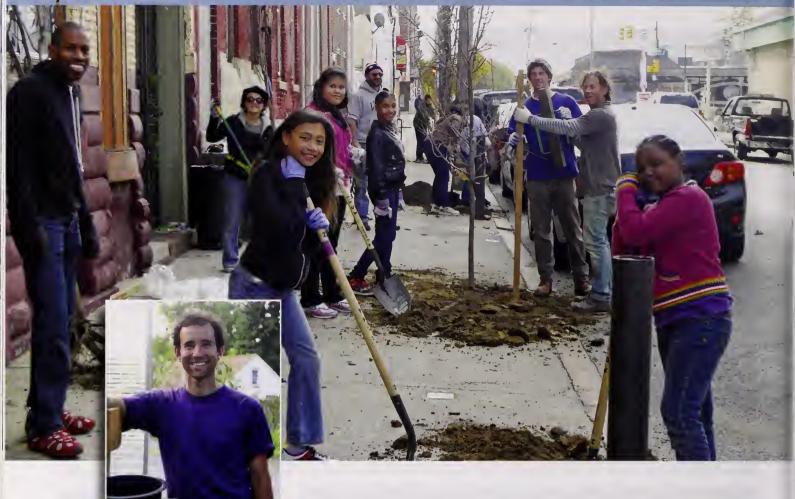


TREE CARE Excellence for 25 years

610.265.6004 www.shreinertreecare.com







Tending the Urban Forest

David Siller

t's not a bold statement to say that Philadelphia has a lot of trees. The city is home to Fairmount Park, one of the largest urban park systems in the country, and PHS and its Tree Tenders volunteers and partners have been busily planting trees along city streets and in parks since 1993.

Under Mayor Michael Nutter's Greenworks plan, Philadelphia will add even more trees—300,000 of them—by 2015. As staggering as that number is, many people still have a hard time grasping its importance. Trees are often the most reliable and prolific of all plants, and therefore also some of the most overlooked.

To reach this ambitious goal, the city will need advocates and stewards, and PHS's Tree Tenders program, which trains volunteers to plant and care for trees, is helping to recruit them. Lisa Maiello completed the training in 2006 and began organizing community tree plantings because she felt that her South Kensington neighborhood was being left out of this arboreal renaissance. Her group of Tree Tenders is working to

nurture a thoughtfully planted urban forest to create a healthier environment for the benefit of everyone in the community.

Lisa explains, "Planting and caring for trees is a great way to connect us to our neighborhoods. To achieve a sustainable urban forest you need to plan it on a neighborhood scale and engage at the local level." By physically connecting people to the land through tree plantings and gaining the support of organizations like PHS, she hopes to pass on the stewardship skills she learned through Tree Tenders to ensure that this urban forest is maintained for generations to come.

This need for "successive stewardship" is an issue that farm educator David Siller has pondered for some time. Siller developed a love of trees while living in rural Virginia,

To sign up for spring 2011 Tree Tenders® classes or for more details, please visit PHSonline.org.

where much of the countryside still has orchards from colonial times and most residents have an apple tree in their front yards. He noticed that when people harvested the fruit from these trees, they did so with great care and respect.

This experience led him to study hundreds of varieties of edible plants and develop foraging techniques when out in the woods. When he moved to Philadelphia, Siller found that all it took was a bike ride to have the same experience. Bicycling around the city, he found wineberry, juneberry, cherry, mulberry, and what he calls "Philly figs."

That's why tree education is so vital to Siller. He thinks that by teaching people the importance of trees as sources of food, he can inspire them to plant more. And just like a farmer, he replenishes the food he forages by propagating over 200 fig trees just this year to plant in people's yards.

But whether it's a more connected community or a healthier lifestyle, Siller and Maiello agree that education—on both the city and grassroots levels-will help shape the creation and stewardship of the future urban forests of Philadelphia.

And although Siller wouldn't disclose the location of the latest raspberry patch he found, he did say, "When you're aware, you'll see them. If not, you'll just walk right by."



Enjoy edible landscaping? Read about the Philadelphia Orchard Project on our blog, philadelphiagreen.wordpress.com.



At Beaumont, watch us grow!

Please join us for an exclusive Pennsylvania Horticultural Society lecture and hands-on presentation.

Container Gardens for Small Spaces Saturday April 30th, includes a beautiful spring lunch

Please reserve your place(s) today as seating will be limited! Find out more and register at 610-526-7004 or www.beaumontretirement.com/events.



A Gracious, Resident-Owned Community



601 N. Ithan Avenue, Bryn Mawr, PA 19010-1797 610-526-7000 | beaumontretirement.com



Plant what you want and protect it with DeerTech.



It's where you want to be.



A warm, welcoming community. An active, independent lifestyle. A comfortable, contemporary home right outside the city.

It's The Hill at Whitemarsh — and now is the time to make the right decision to protect your future. Call now to schedule a tour... consider your options... and let the fun begin!

The right place for you. Find it at The Hill at Whitemarsh.



The Hill at Whitemarsh, 4000 Fox Hound Drive, Lafayette Hill, PA 19444 Ph: 215-402-8725 Toll-free: 800-315-4103 www.TheHillAtWhitemarsh.org

THE VINES OF FRANCE JEWELRY

NATURAL GRAPE LEAVES COLLECTED FROM THE BOURDEAUX AND CHAMPAGNE REGIONS COVERED IN COPPER AS PINS AND PENDANTS.



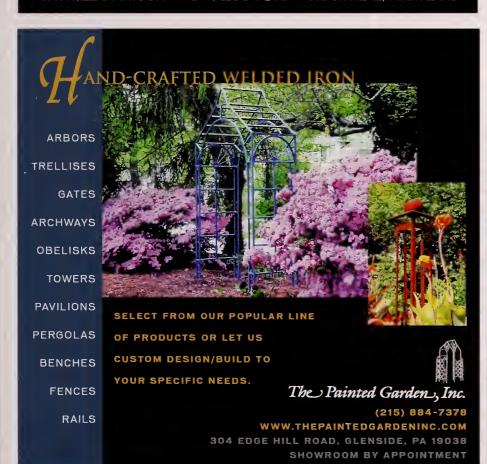
PHILADELPHIA INTERNATIONAL FLOWER SHOW

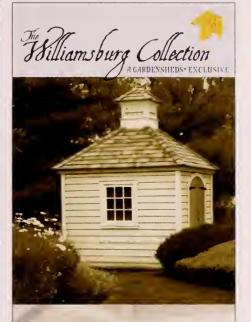
NATURAL JEWELRY & BOTANICAL ART BY NATURE'S CREATIONS

WWW.LEAFPIN.COM

800-288-7813

ROCKVILLE, MARYLAND





Beautify your landscape with Timeless design and Uncompromising craftsmanship reminiscent of another era.

Our original products are fully Assembled, finished, and shipped from our Pennsylvania workshop To 48 States.

View our entire collection of Gardensheds, Greenhouses, Screen Houses, Pool Houses, Pavilions, Follies, Entry Gates, Estate Planters, Bird Houses and Dog Houses.

www.Gardensheds.com Toll-FREE: 877-SHEDS-11











SKINNY TREES!

Fresh Solutions for Narrow Planting Spots

by George Weiget

lmost every landscape has them: tight spots that call for something tall and narrow. Maybe it's that maddeningly thin, 4-foot strip between the front of the house and the sidewalk. Perhaps you'd like a little privacy in that side yard but have only a few feet to spare. Or maybe you need something on the sleek side to flank a doorway, soften a bare wall between windows, or edge a patio. The good news is that there are many excellent "skinny" plants available. Let's look at a few.

COLUMNAR BOXWOODS

These versatile broad-leaf evergreens grow into tight pyramids 8 to 10 feet tall but only 2 to 3 feet around. Buxus sempervirens 'Dee Runk' (a PHS Gold Medal Plant Award winner); 'Fastigiata'; and 'Green Tower' top the list with a denser form and neater appearance than the older 'Graham Blandy'. Slightly shorter and fatter at about 6 by 3½ feet is Buxus X 'Green Mountain'. All do best in part-shade, although they'll tolerate full-sun to mostly shade.

PYRAMIDAL HOLLIES

Two narrow evergreen hollies, *Ilex* x aquipernyi 'Meshick' (Dragon Lady) and Ilex x 'Rutzan' (Red Beauty), can easily be kept at 4 to 5 feet around with a single spring pruning. They shear well and look best maintained at 8 to 12 feet tall. 'Red Beauty', the more compact of the two, produces large, nicely displayed red fruits (with a male blue holly pollinator nearby). Dragon Lady has a more open look, grows faster, and prefers sun or part-shade.

The Skinny on Gold Medal Plants

When it comes to tight spaces, upright is the way to go. These "fastigiate" or "columnar" trees are ideal for landscape areas where space is restricted in smaller home landscapes or near the corner of homes or decks where wide-spreading branches would create obstacles. Here are two good choices from PHS's Gold Medal Plant Award program and, better yet, they're both natives.



Sweetgums are great native trees, but their "gumballs" make them less than favorable for some situations. But Sweetgum 'Slender Silhouette' (Liquidambar styraciflua), a 2011 Gold Medal winner, suits urban landscapes since it's very narrow and drops its gumballs (the spherical, spiky seed capsules) in a 4-foot patch around it. The tree reaches 60 feet tall but only four feet wide! In the fall, the leaves turn shades of yellow and red. "This sweetgum cultivar works in tight urban spaces; because of its narrow shape it can be used in courtyards and other confined areas," says Joe Ziccardi Jr., PHS's Gold Medal Plant Award manager. Because of its surface root spread, he does not recommend it for alleyways or as a street tree.



Pin Oak 'Green Pillar' (Quercus palustris) is another slender cultivar. This narrow, upright tree grows to 50 feet high and only 15 feet wide. A 2006 Gold Medal winner, it has glossy green leaves that turn to vibrant deep reds and maroon. It will be at home in full sun as a park or specimen tree, as a street tree, or in small yards. "We have a duty to plant more oaks," says Ziccardi. "They are vital as animal and insect habitat but are diminishing due to diseases, competition from overplanting of non-natives, deforestation, and the fact that they are slow-growing. Faster growing trees will shade out oaks in forests."

—Laura Brandt

COLUMNAR HINOKI CYPRESS

These durable, soft-needled evergreens thrive in varied light settings and come in different sizes, shapes, and colors. If you've got a bit of room, try one of the taller green types: *Chamaecyparis obtusa* 'Gracilis', the feathery-textured 'Ericoides', or the slightly twisted 'Filicoides'. Figure on 12 to 15 feet tall and 5 to 6 feet wide as a good maintenance size.

In tighter spots, go with one of the many superb dwarf Hinokis. 'Nana Gracilis' is a slow-growing green type, and 'Torulosa' is green with a twisted habit. 'Verdonii' and 'Tetragona Aurea' have a conical shape and golden foliage.

COLUMNAR JUNIPERS

Choose these stiff-needled evergreens for hotter, sunnier areas. Good selections include *Juniperus chinensis* 'Blue Point'; *Juniperus virginiana* 'Blue Arrow' and 'Corcorcor', also known as 'Emerald Sentinal' (a Gold Medal Plant); and *Juniperus scopulorum* 'Gray Gleam'. *Juniperus communis* 'Gold Cone' is one of the best gold-tinted uprights.

UPRIGHT YEW AND PLUM YEW

Yeah, everybody's got yews, but they're mostly sheared into boxes and balls rather than grown as columns. *Taxus* × *media* 'Beanpole' and 'Flushing' are 2-foot-wide



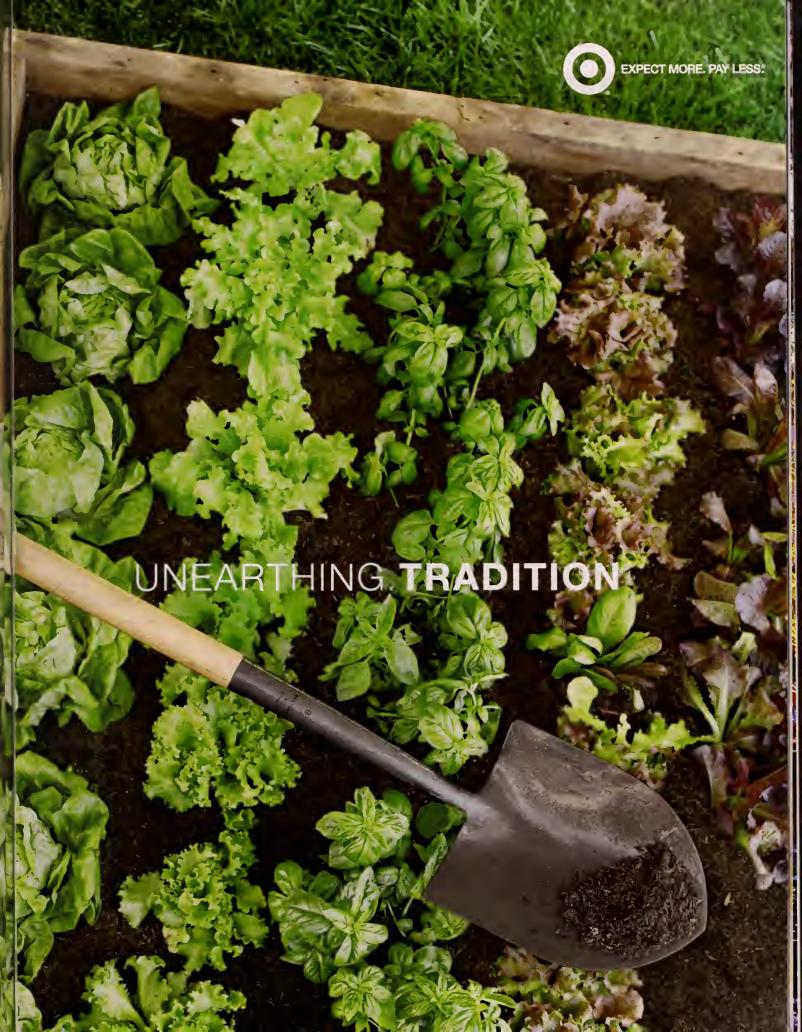
Smith & Hawken

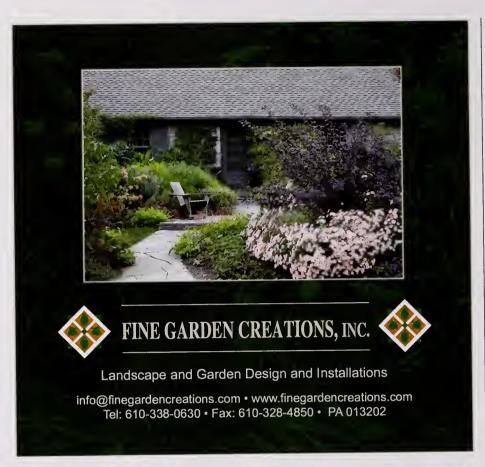
UNCOMPROMISING **QUALITY**™ ash handle and solid-forged steel

Visit Smith & Hawken® at the Philadelphia Flower Show

©2011 Target Stores. The Bullseye Design and Target are registered trademarks of Target Brands, Inc. All rights reserved. 041308









HOT, GREEN & MAINTENANCE FREE!

Furniture Designed to Last a Lifetime....

- No Painting Ever
- 100 plus Designs
- No Winter Storage
- 9 Great Colors

Visit us at the
Philadelphia International Flower Show **Booth #411**



Call today for your free color catalog
1-877-220-0448 or visit us on-line at: www.bytheyard.net

green tubes, while *Taxus* **x** *media* 'Viridis' is a hair wider with yellow new foliage. Japanese plum yews like 'Fastigiata' have a similar habit but wider, more tropical-looking blades and a taste that deer don't like. They do well in part-shade or shade.

VINES ON A TRELLIS

If you're not sure about your snipping ability, erect a trellis or two and use them to support twining plants. Clematis works well because most of them are more compact than rapid climbers like wisteria, trumpet vine, and climbing hydrangea. Also, they don't pose the threat of grabbing a passerby with thorns as do errant arms of climbing rose.

Good clematis cultivars include 'Wisley' and 'Polish Spirit' (purple); 'Madame Julia Correvon' and 'Rosemoor' (rose); 'Betty Corning' (lavender); 'Will Goodwin' and 'Gen. Sikorski' (lavender-blue); and 'Comtesse Bouchaud' and 'Bees Jubilee' (pink).

You can find other excellent upright plants through the PHS Gold Medal Plant program. Learn more at goldmedalplants.org.

George Weigel is a Pennsylvania Certified
Horticulturist, garden writer for *The Patriot-News* in
Harrisburg, and owner of a garden-consulting and
design business.





AN OUTDOOR SCULPTURE EXHIBITION OF SOUND & MOTION

WIND through the TREES

October 2010 through June 2011

65 sculptures featuring sound & movement in a 15 acre botanical setting





Deeply rooted

In addition to our legacy of outstanding customer service. extensive horticultural knowledge, and comprehensive selection of merchandise, Primex also works with over 50 community organizations each year, donating products and making connections between our vendors and nonprofits to build gardening resources in the Philadelphia area. We are proud to have provided 100 EarthBoxes⁸ which were distributed to schools and community centers, providing food and inspiring a new generation of gardeners. How can we help you?



Independent owned and operated by the Green family, serving the Glenside Community SINCE 1943

> 435 West Glenside Avenue Glenside • 215-887-7500

www.primexgardencenter.com

Nature as Inspiration

By Jane Godshalk, AIFD • Photographs by Laura Pearson

"To the eyes of the man of imagination, nature is imagination itself."

A walk through the woods is an opportunity to look at trees for inspiration. Nature gives us all of the elements and principles of design in the most perfect form—light, space, line, form, size, color, texture, and pattern—in the visible world all around us. In floral design, branches and flowers can capture the feeling of trees, if only for an instant. At the Philadelphia International Flower Show, designers are often given a class title or theme and are asked to interpret the title in their arrangements.

Let's look at a class that might be called "Trees."

Photo by Laura Pear

Design 1: An interpretive design

In this design, tiger branches (Astronium fraxinifolium) are tied to a metal stand to mimic a vertical tree trunk and canopy. The form is asymmetrical with two branches creating a strong horizontal line. A focal area is created with an aralia (Fatsia japonica) leaf and one orange rose. Gloriosa flowers (Gloriosa rothchildiana) float through the design like leaves in the wind.



Design 2: An abstract design

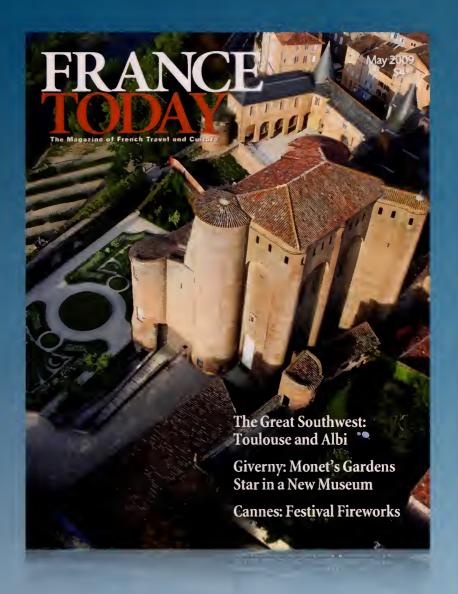
As in abstract art, abstract floral design uses line, color, and form to create a bold and streamlined depiction of an idea or object. This design uses abstraction to express the beauty of the different parts of a tree. For materials, palm bark, a root, a dried seed pod and *Dendrobium* orchid each are pierced through or tied to a metal stand. The root, pod, and flower are of relatively equal visual weight, creating multiple focal areas. This encourages the eye to jump from one area to another, rather than move smoothly as in traditional design.



THE MAGAZINE OF FRENCH TRAVEL & CULTURE

France Today is America's only monthly publication devoted to France. Each issue is filled with beautifully written and illustrated stories on French travel, culture, food & wine, design, shopping, real estate and much more.

SUBSCRIBE TODAY!



F	☐ <i>Oui!</i> Please or foreign arde	begin my subs ers, please add	scription to <i>France Too</i> I \$35. Allow 4-6 wee	Hay at \$45 far 1 year (1 Hay at \$75 for 2 years (1 ks for your first issue ta ar etoday.com or call 1-80	22 issues). So rive.	
	Check enclased (payable to France Today)					BON
	Charge my:	☐ Visa	☐ MasterCard	☐ American Express		Get the
Δ	Account #:			Exp. Date:	•••••	you sub
1	Vame:	• • • • • • • • • • • • • • • • • • • •				Now a
S	ignature:					NO R
A	Address:					If at any
City / State / Zip: Country:					subscrip a refund	
E	mail:	•••••				a roioni
☐ Please sign me up for the Digital Edition of <i>France Today</i> for free!						Please France To
	☐ Please send	me the free we	eekly e-newsletter Le P	etit Journal	IHA101	702, Ne



BONUS DIGITAL EDITION!

Get the Digital Edition of *France Today* for free when you subscribe to the magazine (a \$19.95 value). Now available on the iPad!

NO RISK GUARANTEE

If at anytime your decide to cancel your subscription to *France Today* you may obtain a refund for any unmailed issues.

Please return this coupon with your payment to France Taday Subscriptians, 333 West 39th Street, Suite 702, New Yark, NY 10018

A Little Lemon



Two
Citrus-Scented
Magnolias
for Your
Pleasure

Story by Laura Brandt

ho wouldn't want some lemony scents on their property? Here are two magnolias that are both fragrant and cold-hardy, which is why they were selected for the PHS Gold Medal Plant Award. Better still, they're both North American natives, making them perfect for the sustainability-minded gardener.

SWEETBAY MAGNOLIA 'JIM WILSON MOONGLOW' received the Gold Medal designation in 2008 for its fast growth rate, cold hardiness, and glossy dark green foliage with whitish undersides. "The tree has an upright growth habit and flowers at a young age," Gold Medal manager Joe Ziccardi says. "The lovely creamy white flowers have a wonderful lemony scent—it's one of my favorite magnolias." Considered an evergreen tree because it retains most of its leaves in our region, this easy-to-grow tree likes a partly sunny location. Jim Wilson, the tree's namesake, hosted the PBS *Victory Garden* show for many years. The almost tropical-looking tree grows to 35 to 40

feet in height and spreads to about 15 to 20 feet.

MAGNOLIA GRANDIFLORA 'Bracken's Brown Beauty' is another native magnolia with lemon-scented blooms. This pyramidal-shaped, evergreen southern magnolia also sports glossy dark green leaves. "Because of its evergreen presence and beautiful fragrant blooms, it's easy to see why many visitors ask about growing southern magnolias at home," says Rhoda Maurer, assistant curator and greenhouse manager for the Scott Arboretum on the Swarthmore College campus. She currently serves as a PHS Gold Medal committee member.

This spring, why not visit more Gold Medal plants around our area? "Besides having many of the Gold Medal plants scattered throughout Scott Arboretum, we have a garden called the Gold Medal Garden that focuses on displaying these plants on a residential scale," notes Maurer. In addition, you can see most of the program's plants at Chanticleer in Wayne, PA. Check your local nurseries for their Gold Medal selections this spring.

INFO:

goldmedalplants.org scottarboretum.org chanticleergarden.org



BEAUTY FROM BULBS

Bring the beauty of bulbs to your gardens from our vast collection of the best Dutch flower bulbs and herbaceous peonies at the best prices. Select a color palette and create natural, harmonious gardens with intermingled flower bulbs. Here is a fragrant combination of Triumph Tulip Apricot Beauty and Hyacinth Blue Jacket.

Contact Van Engelen for our 52-page wholesale flower bulb price list or John Scheepers for our colorful 88-page Beauty from Bulbs catalog. Contact Kitchen Garden Seeds for our 60-page catalog with over 500 gournet vegetable, herb and flower seeds. It has a wealth of practical gardening tips from Barbara Damrosch and wonderful recipes from renowned U.S. chefs. Happy fall nesting!

John Scheepers

Phone: (860) 567-0838 www.johnscheepers.com

Van Engelen

Phone: (860) 567-8734 www.vanengelen.com

Kitchen Garden SeedsTM

Phone: (860) 567-6086 www.kitchengardenseeds.com

Serving America's finest gardens for over 100 years!

PA20





FLORISTS

Sustainable Event Decorating

Garden arrangements-fresh local flowers Featuring unique artist made containers Corporate-private www.urbanbotanical.com Helen@urbanbotanical.com 215-438-7533

GARDEN STRUCTURES

GREENHOUSE AND CONSERVATORY DESIGN & CONSTRUCTION

Custom Aluminum or Wood 35 Years' Experience Call Robert J. LaRouche at Glass Enclosures Unlimited 610-687-2444

GREEN TECHNOLOGIES

Rainwater Harvesting Systems

Capture • Filter • Reuse Please visit our website to learn more www.YourPond.com

> Cedar Run Landscapes 1-800-Landscape

HARDSCAPING

HERITAGE STONE & MARBLE

We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.

FLAGSTONE, BRICK-patios and walkways, COBBLESTONE-edging and paving, STONE walls, RETAINING walls, MARBLE, GRANITE-floors, walls, countertops.

215-699-5611

Upper Gwynedd, PA

PATIOS & WALKWAYS

Flagstone - Pavers - Brick Robert J. Kleinberg Landscape Design & Construction 610-259-6106 See our work online 100's of pictures at

WWW.KLEINBERG.COM

LANDSCAPE DESIGN

BURKE BROTHERS LANDSCAPE DESIGN/BUILD

Nationally-recognized designs. Experienced staff ensures the integrity of the design from concept to completion.

burkebrothers.com

215-887-1773

610-520-2025

David Brothers Landscape Services Native Plant Nursery

Architects, Builders and Nurserymen Providing the Fine Art of Garden Construction and Landscape Restoration

215-247-2992

610-584-1550

www.davidbrothers.com

Eco Design and Management

Designs, Installs, Restores & Maintains Ecological, Artistic Landscapes

610-659-6737 866-496-9882

www.ecodesignmanage.com

LINDA CORSON LANDSCAPE DESIGN

- Consulting
 - Plans
- Supervision

Registered Landscape Architect 215-247-5619

Member ASI A

MULCH

BALED PINE NEEDLE MULCH

Pick up/Delivery/Spreading service Cedar Run Landscapes Call for brochure 1-800-LANDSCAPE

www.CedarRunLandscapes.com

FLOWERS AND MORE, INC.

Garden Design, Installation & Maintenance PINE-NEEDLE MULCH Wholesale and Retail

610-701-9283

renee52@comcast.net

NURSERIES

RARE & UNUSUAL PLANTS

- Specimen plants
 Pond plants
 Bonsai
 - Orchids Hardy cacti Tropicals
- Sculptured trees and shrubs
 Perennials
 - · Unique Flower and gift shop.

MUTSCHLERS' FLORIST & RARE PLANTS 1-800-242-9438

www.mutschlers.com





Perennials Are Our Specialty! POPES' GARDENS

Pansies • Easter Flowers • Spring Dish Gardens
Annuals • Hanging Baskets • Shrubs & Trees
Classes • Display Gardens • Farm Animals
1146 Old White Horse Pike, Waterford, NJ

(856) 767-3343 www.popesgardens.com

Triple Oaks Nursery & Herb Garden

*Great Plants*Display Gardens*Programs*
Franklinville, New Jersey
www.tripleoaks.com
856-694-4272
greatplants@tripleoaks.com

TREES

Beautiful in ground Holly Trees 6' to 30'

INDIAN ORCHARDS

24 Copes Lane, Media, PA 610-565-8387



Milorgante

Creating Great Lawns and Gardens for over **80 Years**

"This sustainable product has been helping gardeners and professionals since 1926. The organic nitrogen fertilizer can be used on all your landscape plants. . . one product for all your gardening needs.

This amazing material improves drainage in heavy soils and increases the water holding ability in sandy soils. The high iron content greens up the landscape and the phosphorus is non-leaching.

It's "goof-proof" and has given me great results naturally."

See you at the Philadelphia Flower Show.

Melinda Myers

Melinda Myers, Horticulture Expert Nationally known author, radio & television host



www.milorganite.com



Discover Your Inner Gardening Persona!

Are you a daffodil or a tulip? A snowdrop or a sunflower? Take the Philadelphia International Flower Show's "Garden Personality Quiz" and unlock the hidden secrets of your garden personality. Just put your numeric score in the blank line next to each statement and then add up the total.

Of these three choices, I would grow _

- Daffodils 1 point
- Eggplant 2 points
- Wave petunias 3 points

In the garden, I wear ___ on my feet

- Flip-flops, sneakers, or bare feet 1 point
- Wellies or other waterproof shoes 2 points
- Heels or street shoes (because I always stay on the brick path, thank you) - 3 points

If money were no object, I would _

- Work directly with a designer or landscaper to create my garden - 3 points
- Grow thousands of plants from seed 2 points
- Still personally buy my plants from a nursery or mail-order catalog - 1 point

My idea of garden luxury is ___

- Having so many veggies that I have to give lots away - 2 points
- Throwing a big garden party in early June 3 points
- A quiet cocktail on the patio with my significant other - 1 point

My flower plantings might include __

- Zinnias and marigolds 2 points
- Delphiniums and roses 3 points
- Daylilies and hostas 1 point

In summer, I'm happiest when it is ____

- Rainy outside 2 points
- Evenly overcast 1 point
- Sunny outside 3 points

I go to the Philadelphia Flower Show to __

- Buy plants (lots of them!) 1 point
- Discover outdoor projects to keep my spouse or landscaper busy - 3 points
- Get hands-on ideas for my own garden 2 points

My friends would best describe me as a ___

- Knock Out rose 3 points
- Cucumber 2 points
- Hellebore 1 point

TOTAL POINTS

Your Score

8 to 12 points

You are a **Snowdrop** and are the kind of person others describe as a "plant nut" (though you often regard that term as a compliment). Gardening appeals to the collector in you and you may have an insatiable appetite for buying plants—the rarer the better. You have an intellectual tendency and are considered complex. Some folks might find you intimidating, but your friends would describe you as a generous spirit who's always willing to share cuttings or plant divisions. Like a snowdrop about to bloom, there's something warm and thriving beneath the cool surface.

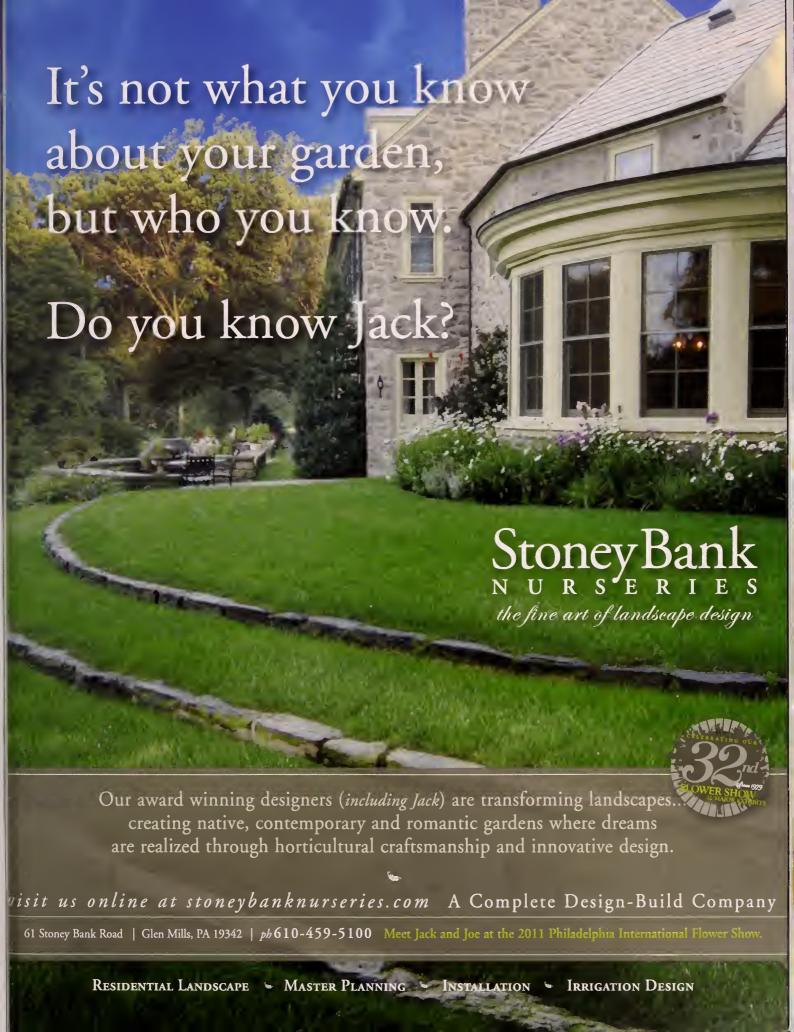
13 to 19 points

You are a **Sunflower** and nothing makes you happier than tending your vegetable patch each summer. In winter, you scour catalogs for the latest seed varieties and start them on your windowsill. You also tend to prefer organic foods and local produce, may be a vegetarian, and surely have a thriving compost pile. Some may think of you as shy and introverted, but you're always happy to give extra produce to your friends and love to have friends and family visit you in your garden. Like the sunflower, you love the earth and feel most at home with your hands firmly planted in its soil.

20 to 24 points

You are a **Tulip** and are a Type-A garden extrovert. To you, gardening means lavish parties, bold flower arrangements, and eye-popping landscapes. Unlike the "hands-in-the-dirt" gardener, you think of yourself as more of a designer and don't hesitate to hire a landscaper to make it all happen. Your friends are impressed by your talents and maybe a little jealous, too. Some might consider you a tad aggressive, but for you, garden season is "show time" and it's your time to shine. Like the tulip, you've been storing your energy up all winter to bloom forth passionately in the spring.

Email your flower type to greenscene@pennhort.org and we'll post the final tally on our website, PHSonline.org.





GREENe

Special Issue:

EDIBLE GARDENING IS

HOTI

NEW TRENDS & BEGINNER TIPS



Joe knows plants, Joe knows trees, Joe knows flowers, Joe knows design & Joe knows Jack!

Stoney Bank N U R S E R I E S

the fine art of landscape design

Our award winning designers (including Joe) are transforming landscapes... creating native, contemporary and romantic gardens where dreams are realized through horticultural craftsmanship and innovative design.

visit us online at stoneybanknurseries.com A Complete Design-Build Company

Just call to meet Jack and Joe. ph 610-459-5100 | 61 Stoney Bank Road | Glen Mills, PA 19342

CURRENT APS MEMOIRS

Peter Collinson and the Eighteenth-Century Natural History Exchange Jean O'Neill and Elizabeth P. McLean Vol. 264 - \$75.00 • Cloth ISBN: 978-0-87169-264-1

Visual Mechanic Knowledge: The Workshop Drawings of Isaac Ebenezer Markham (1795-1825), New England Textile Mechanic David J. Jeremy and Polly C. Darnell Vol. 263 - \$60 • Paper ISBN: 978-0-87169-263-4

POLAR HAYES: The Life and Contributions of Isaac Israel Hayes, M.D. Douglas W. Wamsley Vol. 262 - \$75.00 • Cloth ISBN: 978-0-87169-262-7

Patriot-Improvers, Volume III Whitfield J. Bell and Charles Griefenstein Vol. 228 - \$60.00 • Cloth ISBN: 978-0-87169-228-3

Volume One (1997) -- \$40 Volume Two (1999) -- \$40 Volume Three (2010) -- \$60 Three-volume set -- \$125

CURRENT APS TRANSACTIONS

Johann Schöner's Globe of 1515: Transcription and Study Chet Van Duzer Vol. 100, Part 5 - \$35 • Paper ISBN: 978-1-60618-005-1 The Ground Sloth Megalonyx (Xenarthra: Megalonychidae) from the Pleistocene (Late Irvingtonian) Camelot Local Fauna, Dorchester County, South Carolina Steven E. Fields Vol. 100, Part 4 - \$35 • Paper

ISBN: 978-1-60618-004-4

Alhacen on Refraction: A Critical Edition, with English Translation and Commentary, of Book 7 of Alhacen's De Aspectibus, the Medieval Latin Version of Ibn al-Haytham's Kitāb al-Manāzir A. Mark Smith

Vol. 100, Pt. 3 -- \$35 each; \$50 set • Paper ISBN: 978-1-60618-003-7 ISBN: 978-1-60618-006-8

2010 J.F. LEWIS AWARD WINNER

Learning Greek in Western Europe, 1396–1529: Grammars, Lexica, and Classroom Texts Paul Botley Vol. 100, Pt. 2 - \$35 • Paper ISBN: 978-1-60618-002-0

Sporting with the Classics: The Latin Poetry of William Dillingham Estelle Haan Vol. 100, Pt. 1 - \$35 • Paper

ISBN: 978-1-60618-001-3

Playing with Fire: Histories of the Lightning Rod Peter Heering, Oliver Hochadel, David J. Rhees (editors) Vol. 99, Pt. 5 - \$35.00 • Paper ISBN: 978-1-60618-995-5 Magnetic Fever: Global Imperialism and Empiricism in the Nineteenth Century Christopher Carter Vol. 99, Pt. 4 - \$35.00 • Paper ISBN: 978-1-60618-994-8

Choosing Selection: The Revival of Natural Selection in Anglo-American Evolutionary Biology, 1930-1970 Stephen G. Brush Vol. 99, Pt. 3 - \$35 • Paper ISBN: 978-1-60618-993-1

2009 J. F. LEWIS AWARD WINNER

THE MOST IMPORTANT CLOCK IN AMERICA:
The David Rittenhouse
Astronomical Musical Clock at Drexel University
Ronald R. Hoppes
Vol. 99, Pt. 2 - \$35 • Paper ISBN: 978-1-60618-992-4

Descended From Darwin: Insights into the History of Evolutionary Studies, 1900-1970 Joe Cain and Michael Ruse (editors) Vol. 99, Pt. 1 - \$35 • Paper ISBN: 978-1-60618-991-7

The Invention of the Telescope
Albert van Helden
Vol. 67, Pt. 4 - \$30 • Paper
Original print date 1977;
reprinted 2008
ISBN-10: 0-87169-674-6
ISBN-13: 978-0-87169-674-8

LIGHTNING ROD PRESS TITLES

CLIMATE CRISES IN HUMAN HISTORY A. Bruce Mainwaring, Robert Giegengack, and Claudio Vita-Finzi (eds.) Vol. 6 - \$35 • Paper ISBN: 978-60618-921-4

Darwin's Disciple: George John Romanes, A Life in Letters Joel S. Schwartz VOLUME 5 \$60 • Paper ISBN: 978-1-60618-920-7

"TO DO JUSTICE TO HIM & MYSELF":Evert Wendell's Account Book of the Fur Trade with Indians in Albany, New York, 1695-1726 Edited and Translated by Kees-Jan Waterman with linguistic information by Gunther Michelson VOLUME 4 \$50.00 • Paper ISBN: 978-1-60618-912-2



AMERICAN PHILOSOPHICAL SOCIETY

104 South Fifth Street Philadelphia, PA 19106-3387 (Tel) 215-440-3425 (Fax) 215-440-3450

BOOK ORDERS: Please contact our fulfillment service—Diane Publishing Co., P.O. Box 617, Darby, PA 19023 (phone 800-782-3833; fax 610-461-6130). Online orders may be sent to orders@dianepublishing. net. See our website for recent catalogs and backlist: www.aps-pub.com.

Cathedral Village







When Friends and Family Ask, "What do You do For Fun?"

We tell them we enjoy . . .

- The Village College, where courses are taught by our own resident professors, without any tests to take!
- Swimming at sunrise . . . during the day . . . and even in the winter when it's snowing!
- Dinners prepared to order and fresh from the Gourmet Grill on Saturday evenings.
- ♦ The camaraderie of friends while exercising in the Health Club or doing Tai Chi and Yoga.
- Singing in our Village Chorus which performed in a professional show at the Arden Theatre.
- Our Greenhouse for year-round personal use, and seminars given by professional horticulturists.
- Using our light-filled Art Studio for self-expression, as well as classes in a variety of media.
- ♦ Molding clay into works of art in the Pottery Studio where free classes are also held.
- ♦ Attending professional Concerts in Cathedral Hall including those presented by our own professional resident musicians.
- ♦ The many dramatic and comedic Play Readings created by our talented resident actors and directors.
- Putting around on our Professional Green for fun as well as competition.
- Many Bridge tournaments, Scrabble competitions, and parties for all occasions.
- ◆ Taking the Cathedral Village bus to Center City for the Orchestra, Theater and Ballet, and for day trips to The Philadelphia Flower Show, Philadelphia area museums and other places of interest.
- ♦ Joining Resident Committees and enjoying each other's company while volunteering in the Library, Gift Shop and other areas of the Village where our help benefits others.

Woven into this truly enjoyable lifestyle are new friendships with kindred spirits!

Come for a visit and discover even more!

Monday through Friday between 9 AM and 3 PM. Appointments are needed for weekends and holidays.

600 East Cathedral Road • Philadelphia, PA 19128 www.cathedralvillage.com (215) 984-8621



Cathedral Village is a Nonprofit Nondenominational Continuing Care Retirement Community



Accredited Since 1984 Affiliated With the Jefferson Health System Since 1986



THE McLEAN LIBRARY
Pennsylvania Horticultural Society
100 North 20th St.
Philadelphia, PA 19103



Features

SPECIAL EDIBLE GARDENING ISSUE

- 8 Eating Fresh at Osteria A hip Philly eatery grows its own.
- 10 Vertical Gardening is Growing Up! Look up to see the hottest new gardening fad.
- 12 Lettuce Rejoice! Lettuce steals the show at Chanticleer in Wayne, PA.
- 18 What's Hot in Veggie Gardening?
 Celebrate the Year of the Vegetable.
- 24 Getting Started
 Get some tips from PHS's new book!

PLUS...

30 Think Spring
Spring natives abound at
Bowman's Hill Wildflower Preserve

Columns

- 36 Floral Design
 Using color and light
- 38 The Sustainable Garden More tips for recycling your nursery plastics
- **42 Local Hero**Urban farmer Bill Shick









"Go Green" by reading Green Scene online!

Want to read *Green Scene* online? An electronic version of *Green Scene* is now available to every PHS member (Household level and above) who has provided PHS with a valid email address. Each time a new issue of the magazine is published, you will receive a message with a link to the online version.

You will still receive the print version of *Green Scene* unless you **opt-out** by sending an email to *memserv@pennhort.org* letting us know of your choice. You can opt back in at any time and go back to the paper version. By reading *Green Scene* online only, you'll help PHS reduce printing and mailing costs and save trees, too! So try our e-magazine today. We think you'll like it.

The Pennsylvania Horticultural Society motivates people to improve the quality of life and create a sense of community through horticulture

Cover photo: © Dennis Neffendorf | Dreamstime.com



The Value of **VEGGIES**

Here at PHS, we take our veggies seriously. Not only do we like planting and eating them, but also creating programs that bring fresh produce to families in need throughout the region.

Since the beginning of our City Harvest project, more than 77,000 pounds of produce has been harvested, providing organic vegetables to more than 1,000 families each week during the growing season. And you're part of this, too—a portion of your membership dues goes to supporting this very program.

PHS got big news this winter when an audit of the Philadelphia

International Flower Show indicated that it has a \$61 million dollar impact on the Greater Philadelphia Region. In addition, the event accounts for more than 22,000 hotel-room nights and generates \$8 million in tax revenue. For us, the Flower Show provides \$1 million in revenue for PHS and its greening programs, including City Harvest and the Plant One Million tree campaign that you read about in the last issue.

So again, we take our veggies seriously. Healthy food is rapidly becoming part of the prosperity of our region and, because of the Flower Show and your support, we're all a part of that success, too. Let's keep it going.

Pete Prown

email: greenscene@pennhort.org



Start with

High Performance Plants from Mostardi!

We stock flowers, shrubs and trees that are recommended by the Pennsylvania Horticultural Society's "Gold Medal Award" program. They are superior plants that will provide longer-lasting beauty all around your home. Stop by today and check out our incredible collection of greenery. The colors are gorgeous. The values are exceptional. And the prices are surprisingly low for such high quality. But then, that's what you should expect from Mostardi plants. They are good as gold!





may-june 2011

Editor Pete Prown

Senior Editor Jane Carroll

Associate Editor
Daniel Moise

Staff Photographer Margaret Funderburg

Art Design Baxendells' Graphic

Printer
ALCOM Printing Group, Inc.



Website PHSonline.org

100 N. 20th St. Philadelphia, PA 19103-1495 215-988-8800

> Chair John K. Ball

President Drew Becher

Vice President, Programs Maitreyi Roy

PHS Membership Information Linda Davis, 215-988-8776

Display & Classified Ads Manzo Media Group 610-527-7047 mmanzo@manzomediagroup.com

Garden Q & A Phone Line 215-988-8777, Monday through Friday, 9:30 to 12 [closed in December] askagardener@pennhort.org

GREEN SCENE (USPS 955580),
Volume 39, No.3, is published bi-monthly
(January, March, May, July,
September, November) by the
Pennsylvania Horticultural Society,
a nonprofit member organization at
100 N 20th St.,
Philadelphia, PA 19103-1495.
Single Copy: \$5.00
(plus \$2.00 shipping).
Second-class postage paid at
Philadelphia, PA 19103.
POSTMASTER Send address change
to GREEN SCENE

100 N. 20th St., Philadelphia, PA 19103.
© 2011 Pennsylvania Horticultural Society









Dig deeper...

be enchanted. be delighted. be inspired.

Wednesdays at Winterthur

11:30 am, Greenhouses

Join us for demonstrations, talks, and guided walks covering a wide range of gardening topics. Programs last approximately one hour. †

May 4 The Kurumes of Azalea Woods

May 11 Traces of Pink: The Storied Past of Azaleas at Winterthur
May 18 Faerie Flowers from the Grossman Collection

May 25 The Quarry Garden in Flower

June 1 Beekeeping Basics

June 8 Magical Martagon Lilies

June 15 Ponds, Seeps, and Streams

June 22 Aquarium to Terrarium

June 29 Focus on Farm Operations

Second Saturdays Garden Walks

1:00 pm, Visitor Center

Learn fascinating, little-known details about the estate with our expert horticulture staff. Walks last approximately 90 minutes. †

May 14 Azaleas and Spring Wildflowers

June 11 Meadows, Streams, and Ponds (8:00 pm, bring your flashlight

For more information call 800.448.3883 or visit winterthur.org.

† Included with admission. ‡ Members free

Winterthur is nestled in Delaware's beautiful Brandywine Valley on Route 52, between I-95 and Route I.

The Potting Shed

Kristina Huber and Jeff Michaud DELAN STEEN SCENE - mov/june 2011

Eating Fresh at Osteria

By Beverly Vanderberg

icture ripe summer squash growing next to neat rows of tomatoes and a trellis covered with pole beans. Now picture a busy city restaurant with cooks coming and going, plucking arugula and beans for a special appetizer.

It's all in a day's work at Osteria, the brainchild of Marc Vetri of the renowned Vetri Ristorante. Osteria has been serving seasonal Italian fare since it opened in Center City Philadelphia in early 2007. More casual than Vetri, it is known for rustic pizzas, homemade pastas, and prestigious accolades—executive chef Jeff Michaud received the James Beard Award for Best Chef Mid-Atlantic in 2010—but less well-known is the verdant garden behind the restaurant.

Sitting just outside an enclosed terrace, the garden took shape about six months after the restaurant opened and is fully run by the staff, with help from a farmer at Linvilla Orchards.

Osteria's Kristina Huber says she is outside every day weeding and watering the crops. In early April, she and other staff members start tilling and turning over the soil to prepare for planting. They give the soil a boost by spreading compost and manure. As summer comes to an end, staff puts in fall crops like lettuces. Kitchen scraps go into a compost bin to complete the cycle. The hard work has paid off, as the garden's raised beds brim with fresh vegetables such as fava beans, cucumber, cantaloupe, and eggplant.

Although it produces a variety of tasty crops, the garden is too small to supply food for every diner who walks through Osteria's doors. The freshly grown produce is used for daily specials and sometimes shows up on the tasting menu at Vetri, which is a smaller restaurant with fewer patrons.

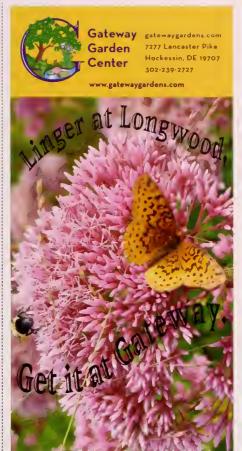
The purpose of the garden is simple—

fresh food just tastes better. And what could be fresher than something plucked from a restaurant's own garden just before it's served on your plate? •

Osteria is located at 640 North Broad Street in Center City Philadelphia. Visit it online at osteriaphilly.com.











Container Plants, Design & Installation of Native Landscapes

Visit us for Farm Open House Days May 7-8 and May 21-22 10 am - 4 pm all days rain or shine

1165 Yellow Springs Road Chester Springs, PA 19425 610-827-2014

www.yellowspringsfarm.com

GARDENIN

HIR NARDDELYOR YOUR WHAT TYPE OF GARDENING MICHIEBE SMART TO CONSIDER FOR MY STANKED CONSIDER FOR MY CANDIOR WAR STANKED TO ANSWER IS THE WASHERS THE TABLE OF LING.

Vertical gardening, or wall gardening, is ideal for city dwellers with few areas in which to plant other than balconies, small terraces, or narrow walkways between buildings, or for maximizing space in a tiny townhouse garden. It's also a great strategy for vegetable or fruit growing. There's little or no crouching involved, so it's kind to your knees and back. Harvesting from a fruit tree espaliered on a wall or picking veggies from a trellis, freestanding tripod, or A-frame puts your kitchen garden right where you need it. Growing a climbing rose or a vine on an upright armature makes a perfect privacy screen.

You can fill the crevices of a stone wall with plants, or on smooth or solid surfaces you can hang planters or modular units made especially for wall gardening by various manufacturers. For instance, the Woolly Pocket Garden Company (woollypocket. com) makes soft-sided, breathable pockets in single or modular units



made from 100-percent recycled plastic water bottles. *Plantsonwalls. com* makes vertical garden panels and living wall kits of various sizes and weight capacity, plus watering and fertilizing equipment. Plant Connection, Inc. (*myplantconnection.com*) makes pre-planted GroWall™

systems with built-in irrigation that mount on brackets for hanging. There are other companies on the Web, and your garden center may even sell wall units.

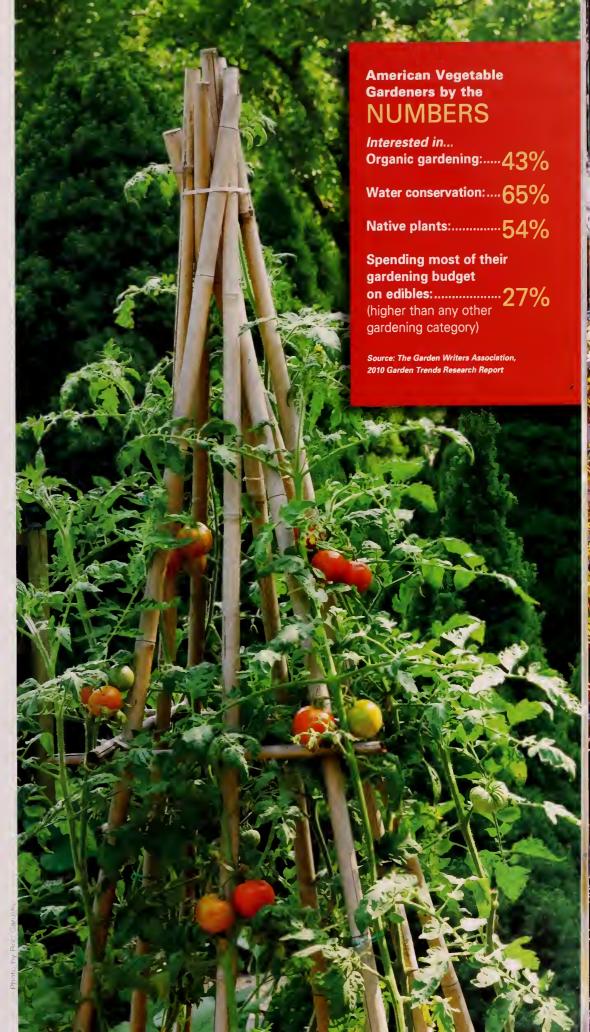
To get a first-hand look at a prime example of vertical gardening, go to Longwood Gardens, which installed the largest indoor

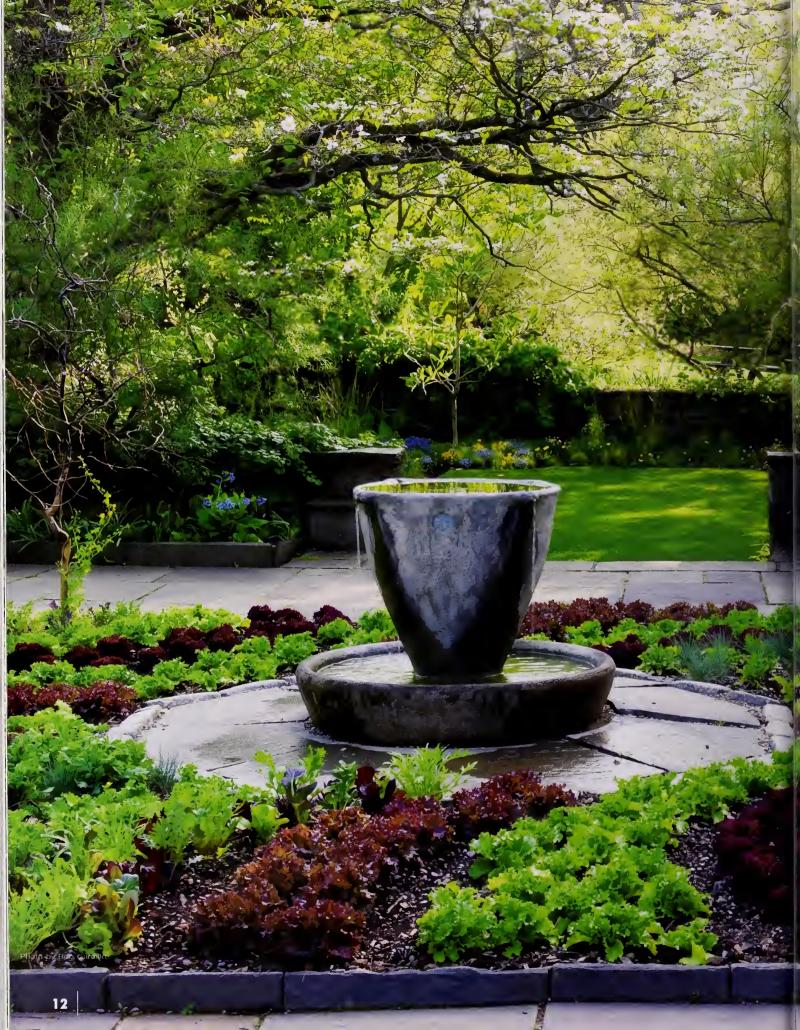


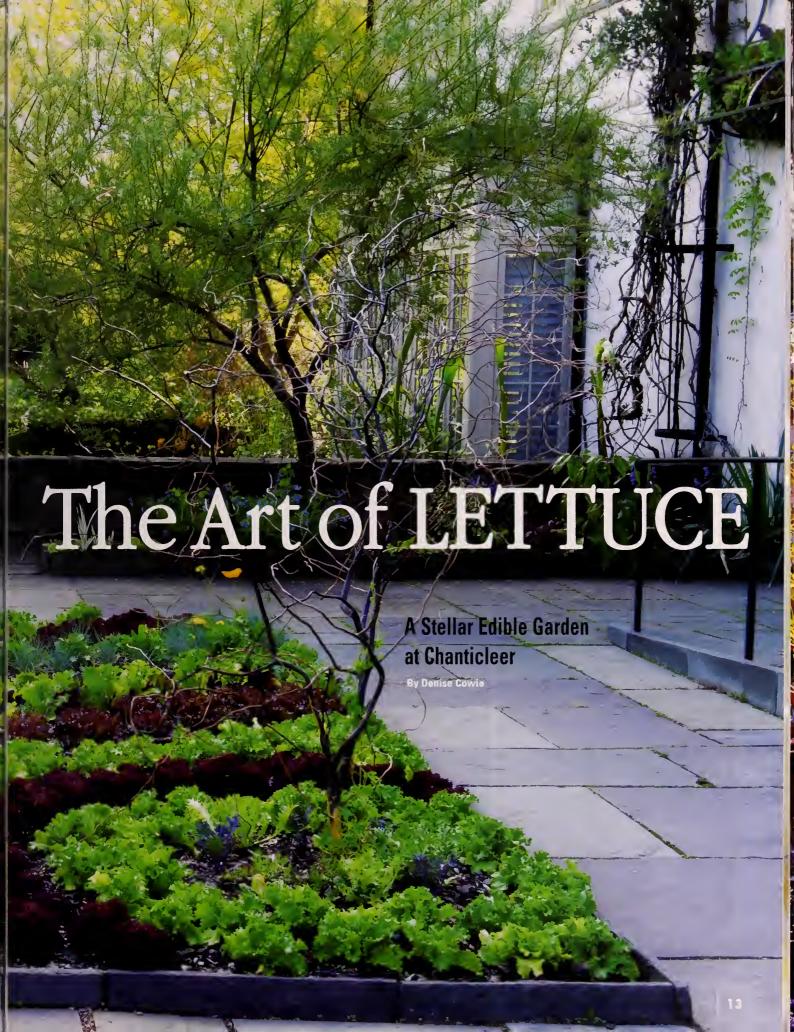


living wall in North America in its East Conservatory Plaza last October. (Pittsburgh's PNC Bank Building is the second largest.) Gsky Plant Systems, Inc. (gsky. com), the company responsible for the wall, claims it will provide as much oxygen as 90 14-foottall trees and clean over 15,500 pounds of dust and harmful toxins from the air each year. The green wall covers 4,072 square feet and contains 47,000 plants representing 25 species, including spider plants, mosses, ivies, holly, and ferns. Among the ferns are holly fern, rabbit's foot fern, button fern, asparagus fern, maidenhair fern, ladder brake fern, and Dallas fern. Watered by almost 4,000 feet of computerized irrigation drip lines strategically placed throughout, the 3,590 stainless-steel panels lined with coconut coir fiber hold the plants in place.

Once you get a feel for vertical gardening, the possibilities are endless. Succulents like stonecrop and hens-and-chicks make beautiful wall gardens. They have small root systems and rarely need watering. Try growing your herbs vertically. Hide an ugly chain link fence with vines or pole beans, vining cucumbers, edible-pod or snow peas, Malabar spinach, or gourds, squash, or melons tied directly to a fence or trellis with cloth or soft cord. Tomatoes grown upright perform better than when sprawling over the ground where the fruits are easily damaged by insects and disease. Create an imaginative mural with annuals. Paint a living tapestry with colorful plants. Elevate your garden to new levels.







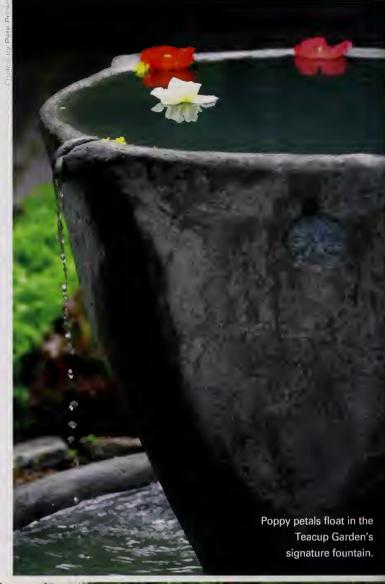
Lettuce at Chanticleer

hanticleer horticulturist Jonathan
Wright wanted ornamental plants
that would look great in the garden
when the calendar said spring but the
weather didn't, so he turned not to evergreens
but to edibles. Specifically, *lettuce*. Lots and
lots of lettuce.

"It's difficult to put out plants that look good early and can take some light frost and cold, so I always look at which groups of plants can do that, and how we can use them," says Wright, who's in charge of the Teacup and Entry Gardens as well as the Tennis Court Garden at Chanticleer. Located in Wayne, Chanticleer opens to the public each year just days after the official beginning of spring, and regardless of the weather, the ornamental gardens must look appealing.

"I had often used herbs and lettuces, Swiss chard and purple-foliaged beets, purple mustard and those sorts of things in my spring pots, and I realized that the lettuces always do beautifully. So I thought, why not do a little lettuce farm?"

He tried it first in the spring of 2009, experimenting with straight rows of lettuce around the central cup-and-saucer fountain that gives the Teacup Garden its name. Interspersed among the rows, as though their seeds had been blown there by the wind, were wildflowers such as Virginia bluebells, linaria, and grape hyacinths.









"A nice thing about growing edibles is that you can enjoy the food from the garden, but if you let some of them go [unharvested], they're lovely."





The juxtaposition of the mature edible lettuce with several Pati Queen palm trees that Wright added as the weather warmed caught the attention of photographer Rob Cardillo, who included a shot of the design in Chanticleer: A Pleasure Garden. The book, by Washington Post writer Adrian Higgins with photographs by Cardillo, was published last month by the University of Pennsylvania Press.

"Edibles in unexpected places always make me grin," Cardillo explains. "The 'Red Sails' lettuces that Jonathan chose for this formal bed are like foliar waves lapping the trunks of these tropical palms."

Wright decided to use lettuce again last year, but this time his design for the Teacup Garden was inspired by the Dr. Seuss children's books.

"I was thinking of the wavy illustrations in Dr. Seuss, and I wanted to play with strong color contrasts. What I hoped it would do was lead the eye up to the fountain and beyond it. You can do things in rows, but they don't have to be straight rows. They can be weaving and meandering."

He chose red and green head lettuce as well as loose-leaf types, with a mesclun mix on the corners that was allowed to send up flower stalks. Adding to the Dr. Seuss flavor were the herbs and vegetables he used in nearby beds, especially big heads of red cabbage that popped up unexpectedly in window boxes—and ended their lives as coleslaw later in the season.

"I planted the lettuces very densely, because I wanted the pattern to be evident very



Lettuce at Chanticleer

early, and as they started to fill in, I thinned them carefully, taking out every other one, and we ate those as we went. You can do that with pretty much any edible crop—lettuces, beets, chard, anything that is going to look interesting early in the season.

"A nice thing about growing edibles is that you can enjoy the food from the garden, but if you let some of them go [unharvested], they're lovely. For example mustard greens send up delicate yellow flowers that are really pungent and delicious when they are in bud. Or arugula has white flowers that taste just like the leaves and are wonderful in salads. People are often afraid to let these things bolt. They think it's wasteful, but they're not only beautiful when that happens, they're still delicious."

Not all the plants surrounding the Teacup last year were edible. Scattered among the lettuces were the airy blooms of Iceland poppies and spiky clumps of blue fescue grass. Why those choices? "Poppies often become weeds in agricultural areas, in English fields, for instance, so I thought it would be nice to have some flowering 'weeds,' even though it's very stylized," says Wright, who sometimes floated a handful of the colorful blossoms in the fountain. "And I chose blue fescue because I wanted something sharply contrasting to the lettuces. The color was great, and it loves cool weather."

Mantis TomposT-Twin

You can have a constant supply of compost!

Discarding garden debris, kitchen scraps, and leaves is a costly waste of compostable material. Recycle them into soil-enriching compost with the Mantis ComposT-Twin.

Mantis ComposT-Twin features:

- Unique two-chamber composter design
- Easy-turning handle rotates both composting chambers simultaneously
- Let one side "cook" while adding material to the other side
- Sits 32 inches off the ground for convenient loading and emptying finished compost
- Try it for a year, risk-free! If you don't like it, return it for a full refund

The Mantis Promise

Try any product that you buy directly from Mantis with NO RISK! If you're not completely satisfied, send it back to us within one year for a complete, no-hassle refund.

1.800.366.6268 www.compost-twin.com

© 2010 Schiller Grounds Care Inc



The Mantis ComposT-Twin is easier to turn than other composters. No back-breaking work to mix and aerate the pile - just turn the gear-driven handle. See just how easy making your own compost can be!

_	1028 Street Road, Dept C Southampton, PA 18966	
	REE OVD and Information on the Manti L Tell me about all the special offers	s ComposT-Twin and your now in effect.
City	State	Zip

Mixing Edibles and Ornamentals

The idea of mixing edible plants with ornamentals isn't new, of course; gardeners have been doing it for centuries. But only in recent years have many American gardeners been willing to move their veggies out of the backyard.

To try some edible landscaping based on early-season crops like lettuce, horticulturist Jonathan Wright, who is in his seventh season of gardening at Chanticleer, suggests a trip to the local garden center to see what starter plants it offers in market packs. You may have to adjust your plans accordingly. "I had done some loose sketches, but I had to change my original idea according to what plants I could get, which is part of the fun," he says.

Wright added a top dressing of about three inches of "good homemade garden compost" to the bed before he planted his lettuce garden in Chanticleer's Teacup Garden. "Nothing seems to compare to good old organic matter," he says. "It's always a good idea to have the soil tested before adding fertilizer, so I generally rely on compost, which makes it hard—but not impossible—to go wrong."

Using cool-season annuals is a great way to try out a new design for your garden, too. "You could easily plant something like this [lettuce garden] early in spring with starts, and then when it gets really hot, you can harvest them and eat them, or let them bolt and flower, and then replant with your later-season plants."

Once your lettuces are harvested, simply dig whatever compost remains into the bed before planting your summer display.

At Beaumont, You Have the Freedom to Live Your Life Exactly as You Imagined.



"Dining at Beaumont
is always a 4-star
experience..."
Mr. & Mrs. Herd,

residents

Discover superior elegance and service in a non-institutional retirement community owned and governed by residents. From exceptional dining and amenities, to on-site healthcare and facilities, Beaumont offers a unique, worry-free lifestyle. Arrange a personal visit by calling Audrey Walsh at 610-526-7004.



A Gracious, Resident-Owned Community



601 N. Ithan Avenue, Bryn Mawr, PA 19010 BeaumontRetirement.com









HeatShed

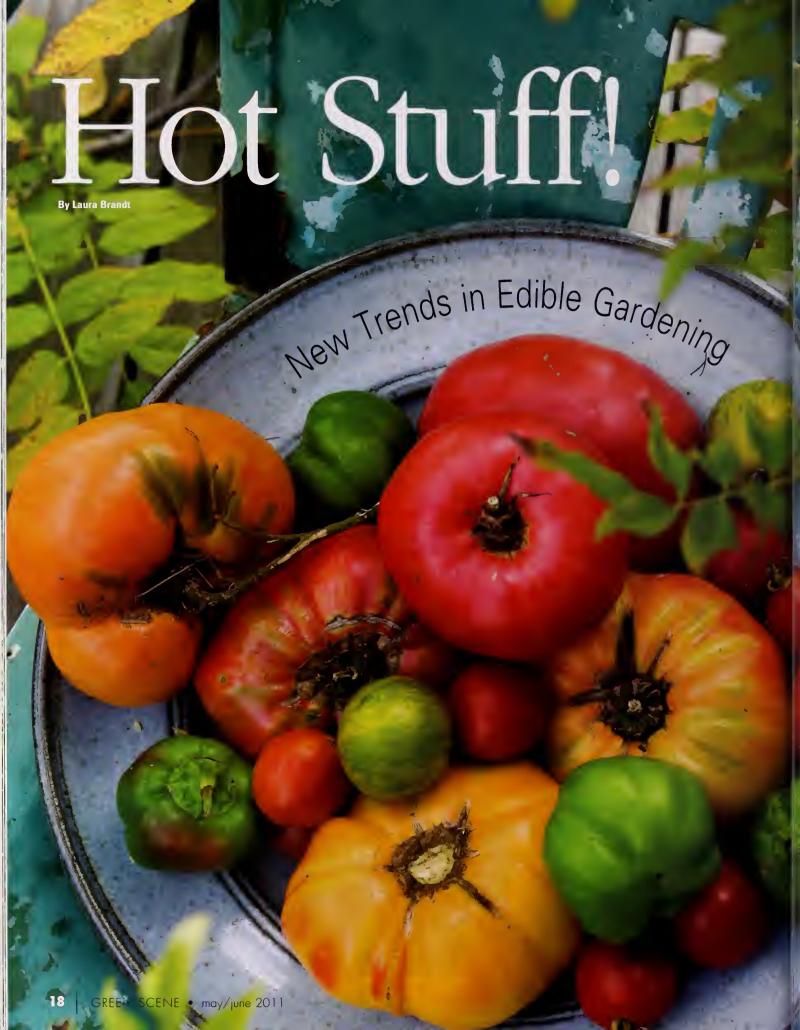
a GeOGENIX company

Solar Photovoltaic Systems Residential & Commercial Systems

1-877-453-2422 www.heatshed.com Heat Shed P.O. Box 336 Revere, PA 18953

SUNPOWER ELITE DEALER

Since 1977





ood news! Lowcalorie, nutrientpacked, fiber-rich bundles of goodness (a.k.a. fruits and vegetables) are in this year. Driven by health- and cost-

conscious consumers who want to grow their own nutritious, pesticide-free foods, gardens are popping up everywhere, from the front lawn of the White House to the front yards of everyday Americans.

George Ball, chairman of W. Atlee Burpee, declared 2011 as the "Year of the Vegetable" in his op-ed piece last fall in The Wall Street Journal. His prediction is coming true. Vegetable gardening is up 20 percent and community gardening up 60 percent over last year, according to the Garden Media Group. Let's look at a few trends that are shaping our gardens this year.

Vege-licious Varieties

Today's vegetables pop with color, and Burpee's new offerings don't disappoint. Tomatoes include red, pink, yellow, and orange one-pounders ('Kings of Color' beefsteak tomatoes) to emerald green cherries ('Green Envy'). No doubt you'll be humming jazz riffs as you harvest lustrous 'Round Midnight' purple-leaf basil.

Take exotic 'Purple Dragon' carrots reddish purple on the outside and yelloworange on the inside. Then there's the alliterative favorite, Purple Pod Pole beans, an heirloom variety with reddishpurple pods. Did I mention that they're prolific producers?

Small Plants, Big Harvest

Breeders also have been busy developing dwarf plants for space-starved veggie gardeners. Two-foot-tall hybrid dwarf tomatoes (a determinate form also known as patio tomatoes) fit well in small containers. Burpee's Bush Big Boy tomatoes are only half the size of regular Big Boy tomato plants. Red Robin and Lizzano (semi-determinate) dwarf cherry tomatoes thrive in small pots and hanging baskets. Compact indeterminate (vining) tomatoes such as 'Better Bush' and 'Husky Red' are the best of both worlds; they're shorter, but plentiful all season long.

More good news: you don't have to live in Georgia to grow peaches! Dwarf, hardy fruits such as the 'Reliance' peach is a good choice for our area according to garden consultant Ron Kushner of Ron's Organic Garden in Lafayette Hill, PA.

Heirlooms Loom Big

"With the spike in new gardeners due to the recession, more and more people are growing their own vegetables and saving seeds," says Tom Wahlberg, seedhouse manager with Seed Savers Exchange in Decorah, Iowa, a nonprofit that saves and shares heirloom seeds to preserve them for future generations.

Those designated as heirloom vegetables have been grown for at least three generations and are selected for their great flavor as well as pest and disease resistance. Open-pollinated heirlooms will breed true and can be saved from year to year, unlike modern hybrids.





New Seed Savers catalog items include 'Edmonson' cucumbers, 'Champion of England' peas, and 'Rosso Sicilian' tomatoes—each with a historical connection. Pennsylvania gardeners will enjoy reading food historian and heirloom vegetable expert William Woys Weaver's fascinating veggie-tales in his book, Heirloom Vegetable Gardening: A Master's Guide to Planting, Seed Saving, and Cultural History.

Beautiful Beds & Pretty Potagers

Container gardens, portable gardens, vertical gardens, attractive kitchen gardens or *potagers*, raised beds, and all-in-one gardens are *in* this year! Gardeners are just as likely to plant tomatoes in a "tomato grow bag" (Gardener's Supply Co.) or portable garden as they are in a conventional garden plot.

Creative Containers

You can grow a surprising amount of fresh produce on a balcony or patio in containers filled with baby leaf lettuce, root vegetables, and even bushy vegetables (peppers, green beans, eggplant, and tomatoes).

Self-Watering Containers

Many companies feature these, including Gardener's Supply and EarthBox. Developed by commercial farmers, EarthBox (29 x 13.5 x 11 inches) is a portable gardening system with a self-watering reservoir and optional casters for moving. A mulch cover keeps rain out to keep the plants from getting excess water and prevents insect damage and weed growth.



Veggie Hotspots Online

burpee.com
communitygarden.org
earthbox.com
garden.org
gardeners.com
kidsgardening.org
meadowbrookfarm.org
ronsorganicgarden.com
seedsavers.org
squarefootgardening.com



WEST LAUREL HILL CEMETERY BRINGHURST FUNERAL HOME

Providing Green Burial and Funeral Offerings



Cemetery • Crematory • Funeral Home Service and Reception Areas • Monuments • Green Burials/Funerals

- No embalming, no outer burial containers required, all-wood or natural caskets or shrouds used
- Area landscaped with indigenous plants and grasses
- Green funerals allow families to be part of many, if not all, aspects of the funeral process
- Bringhurst and West Laurel Hill are the only funeral home/cemetery combination in the Mid-Atlantic region to offer both green burials and funeral services

WEST LAUREL HILL CEMETERY

BRINGHURST FUNERAL HOME

One Call To One Place - For Everything

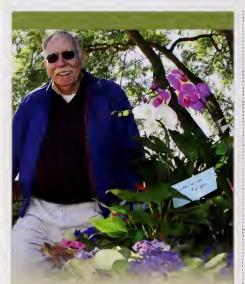
225 Belmont Avenue, Bala Cynwyd, PA 19004

610.664.1591

contactus@forever-care.com www.forever-care.com

William A. Sickel, E.D., Supervison R.R. Bringhurst & Co., Inc.

Year of the Vegetable



Naturally Green. Pine Run Retirement Community...

...growing beautiful gardens, good will and a healthy lifestyle in the perfect Bucks County
Pennsylvania location. Owned and operated by Doylestown Hospital,
Pine Run is a true continuing care retirement community. Cottages and apartments charm the campus along with many amenities such as a greenhouse, the Back – Achers vegetable garden, and a walking path with views of Pine Run Lake.
Visit our mature landscape today.



Call 800-992-8992.

Run Run Community

Uniquely Doylestown.
Definitely Pine Run.

777 Ferry Road, Doylestown, PA 18901 www.pinerun.org

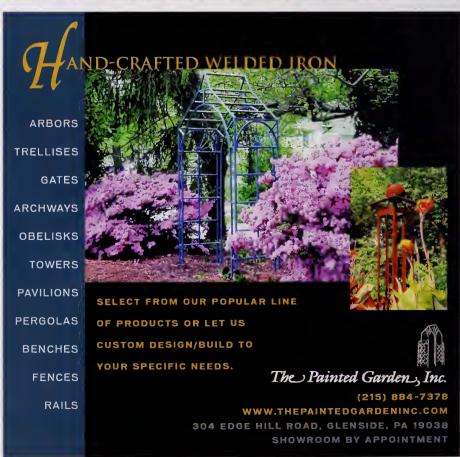


Edible Gardens Gone Glam

Last century's vegetable gardens were planted in single rows, a practice that started when mules cultivated the garden. Today's gardens are brimming with delicious edibles, and they're attractive! Raised beds with interesting trellis structures and colorful arrays of edibles are up front and center or next to the kitchen. Progressive gardeners aren't afraid to plant edibles in the *front* yard either.

Raised beds require less space and less maintenance than traditional row gardens. Even a 4 x 4-foot plot of 16 square feet will yield an abundance of food. You'll find lots of tips on raised beds in Mel Bartholomew's book, *All New Square Foot Gardening*. Mel, who began the "square foot" craze back in the mid-70s, advocates a no-dig approach and building raised beds only six inches high instead of twelve. Raised beds make it easy to grow vegetables, fruits, herbs, and





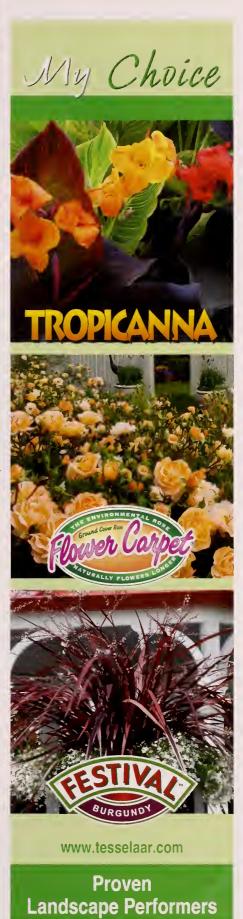
flowers in the same space, a trend known as the "all-in-one-garden."

Ron Kushner's clients often request low-maintenance designs and plants. Some of the edibles he recommends include 'Heritage' raspberries, 'Reliance' peaches, ever-bearing strawberries, gooseberries, honeyberries, garlic, and even artichokes ('Imperial Star' and 'Green Globe').

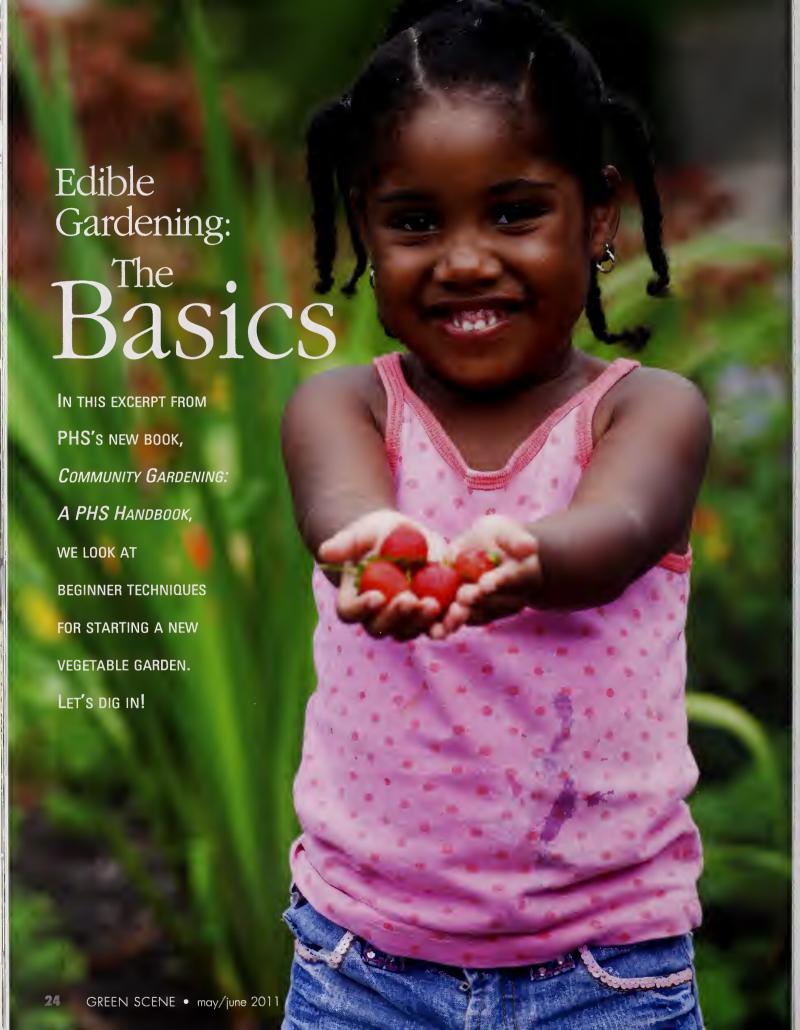
Are You Excited Yet?

It looks like 2011 will be the year of the fresher-tasting, nutritious, organic, heirloom, container-grown, economicallysavvy vegetable. And when someone compliments you on your salsa this summer, you can proudly say that the ingredients were freshly picked—today! 🗪









Choosing What to Grow

One of your first tasks is to figure out which plants will grow best your climate. Start by talking to other gardeners, contacting your local County Extension Service, or browsing online. Also, determine which USDA Hardiness Zone your garden is in. Visit the USDA website for more information: usna.usda.gov/hardzone/ushzmap.html. You can also use these resources to get the frost dates for your area.

When to Plant

Vegetable crops fall into two groups: those that thrive in cool weather and those that should not be planted until after the last frost. In most parts of the country, early crops include leafy greens, peas, onions, beets, and cole crops (broccoli and cabbage). Some herbs, including dill, also grow best in cool periods, so sow it directly outside early in the growing season and again toward the end. Wait until after the last projected frost date to plant warm-weather crops such as tomatoes, eggplant, peppers, and tender herbs like basil.

Seed Starting and Planting

A time-honored way to get plants is to start them from seed, but not all plants are as conducive to seed-starting as others. You can break down your plant list like this:

- Seeds sown directly in the ground before the last frost (peas, lettuce, beets, spinach, turnips)
- Seeds sown directly in the ground *after* the last frost (corn, beans, squash, basil)
- Seeds started indoors in soil-less mix (tomatoes, cauliflower, celery, cabbage)
- Pre-grown plant "starts" bought at a nursery or plant sale (tomatoes and peppers)

Starting Seeds Indoors

Start warm-weather plants indoors in sterilized seed-starting mixture (also known

as a "soil-less mix") and transplant them into the garden after the last frost date. You can buy seed-starting trays at nurseries or online, but you can also make your own. Anything that holds a medium will work. Place trays in bright light and keep planting medium between 70° and 75° F. Cover the trays with plastic to retain moisture. Most trays come with their own clear plastic lids, but you can also use plastic kitchen wrap with a few holes punched in it for air circulation.

At first you don't need much circulation, but as the seeds begin to sprout, you'll want to open up air slots to prevent fungal outbreaks that can easily kill the seedlings. Once your seedlings have germinated, move them to a cooler environment for sturdy growth.

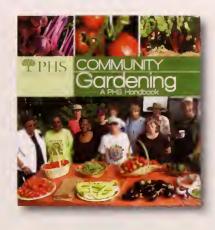
Quick Tip: Mini Hothouses

Collect milk jugs and cartons to use as mini-hothouses to protect the early seedlings as you move them from the house or cold frame to open garden.

Starting Seeds Outdoors

Snap peas are one of the earliest seeds to sow directly in the vegetable garden. Once the weather begins to warm up, you can also plant potatoes, onion sets, onion plants, lettuces, and spinach outdoors. Put transplants of cabbage and broccoli into the garden for early yield before the weather gets warm. After planting, surround each seedling with a small collar (one to two inches deep) to deter cutworms from severing the stem. You can make collars from paper cups—just remove the bottom.

Hardy herbs (sage, mint, tarragon, and chives) should be planted into the garden earlier in the season or in the fall. If you need only a few plants, it's more practical to



New Book on Community Gardening on Sale Now

PHS is proud to announce its latest publication: *Community Gardening: A PHS Handbook*. This new book shows readers how to work collaboratively with friends and neighbors to create a thriving community garden for all to share.

In its pages you will learn how to secure the land on which you garden, work with local businesses and officials, reach out to the wider community, and sustain the garden for years to come. Based on PHS's decades of experience in greening, the *Handbook* is an indispensable tool for community gardeners everywhere (and it has great photos too!).

The book is available at *Amazon*. com. Also check out its companion piece, *The PHS City Parks Handbook*. All proceeds support PHS greening programs.



Primex IS Growing

Primex has always been committed to bringing you great plants and plant advice. We're also delighted to be growing into an outstanding resource committed to building and strengthening a better, greener community. We've got a lot planned this spring, including a new line up of community events and programs, so stay tuned and remember to find us on the web! www.primexgardencenter.com



come grow with us!



Independent owned and operated by the Green family, serving the Glenside Community SINCE 1943

> 435 West Glenside Avenue Glenside • 215-887-7500

www.primexgardencenter.com



buy plants instead of growing them from seed. Mint is invasive, so plant it where it cannot spread over less vigorous plants, or grow it in a container.

Quick Tip: Hardening Off

Be sure to "harden off" plants before planting them in the garden. This helps the harsher outdoor environment. Put tender plants and seedlings outside during the day and bring them back in at night. You can also use a cold frame or set containers in a protected area and cover them with light plastic or row-cover fabric.

It's All in the Soil

To grow healthy vegetables, you need healthy soil. Prepare your garden bed by removing large debris, rocks, and big roots. Dig deep to loosen soil and work in generous amounts of goodquality screened compost. Add a little sand to improve drainage in heavy clay soil.

Check your soil pH, too. A good range for most plants is between 6.2 and 6.8. Testing kits for pH are available at garden centers. If you are gardening in an urban area, it's a good idea to test your soil for harmful substances before growing edible plants. You can order a standard soil test from your county extension office (csrees.usda.gov/extension).

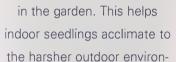
If you have especially poor soil, you can grow plants in raised beds. Raised beds are easy to build (diagrams and plans are available on the American Community Gardening Association's website, communitygarden.org). Do not use pressure-treated wood or railroad ties, since these may leach chemical toxins, such as arsenic, into the soil.

Visit the area's

this spring!

weekends 10am - 5pm

Morris Arboretum of the University of Pennsylvania





100 E. Northwestern Ave • Philadelphia • 215.247.5777 • www.morrisarboretum.org

Nemours Mansion and Gardens

Experience the Grandeur



"Nemours has been returned to its youthful splendor - and perhaps even a little bit more." — Architectual Digest

"French glory as it was." — Philadelphia Inquirer

"A visitor might believe he or she magically just stepped into Europe." — News Journal

Plan your visit today, for reservations and information: www.nemoursmansion.org | 1-800-651-6912

Alapocas Drive and Powder Mill Road (Route 141) | Wilmington, Delaware 19803

Gardening Basics

Purchasing Plants

When buying vegetables, look for tight, compact plants with dark green leaves throughout (passing up those with yellowing leaves or elongated stems); check under leaves for aphids and whiteflies. If you order plants by mail, open the boxes as soon as they arrive to check them. Most plants are shipped in a dormant state, so don't worry if the foliage is brown and dead or if the roots look limp.

Do not transplant in the heat of the day. Wait until early evening and shield new plantings from the hot sun for a day or two with bushel baskets or pots. Separate tangled root systems by gently pulling roots apart. Water seedlings well.







THE BARTON ARBORETUM
AND NATURE PRESERVE
OF
MEDFORD LEAS

Gardeners and Nature Lovers — You're Invited!

Spanning more than 200 acres, the Barton Arboretum offers visitors a unique blend of accessible public gardens, collections, and preserved natural areas set amidst Medford Leas' two campuses. Individuals and small groups are welcome to visit the Arboretum at no charge.

For more information on self-guided tours or to arrange dedicated tours and horticultural interest programming for your group, contact Jane Weston at 609-654-3007 or janeweston@medfordleas.org.

Visit our website calendar for our Arboretum and other public special programs/events.



WWW.MEDFORDLEAS.ORG

A nationally accredited, Quaker-related, not-for-profit community for those age 55+, with campuses in Medford and Lumberton, NJ.

Member: American Public Gardens Association • Greater Philadelphia Gardens • Garden State Gardens







Be part of the story.

Imagine waking up 250 years ago in a place and time where history was made. A place where we can watch the sunrise over the fields as a colonial farm comes to life. Join the spirit of Independence in the re-enactments at Revolutionary City. Watch a colonial battle through clearing cannon smoke.

Then wrap up the day listening to tales along an historic ghost tour.

Discover over 1,000 hotel rooms ranging from luxurious to family-friendly. Ten convenient restaurants, including fine dining and historic taverns. Three unforgettable golf courses. Unique shopping. A complete spa and fitness club. And over 67,000 square feet of amazing meeting space.

Plan your stay at colonialwilliamsburg.com

Colonial Williamsburg
Be part of the story.

The Wild Side

Ephemeral Magic at Bowman's Hill Wildflower Preserve

By Adam Levine

owman's Hill Wildflower Preserve, near the Delaware River south of New Hope, PA, is a beautiful place in any season, a 134-acre remnant of natural lands once common in the Philadelphia suburbs but which have been mostly destroyed by residential development. While the preserve can be considered a managed landscape—deer are excluded, invasive plants are rogued out, and some species have been added since it was created in 1934—nature is still the main designer here, making a walk on the meandering paths a more subtle experience than a visit to display gardens such as Longwood Gardens or Chanticleer.

Phlox stolonifera

Bowman's Hill



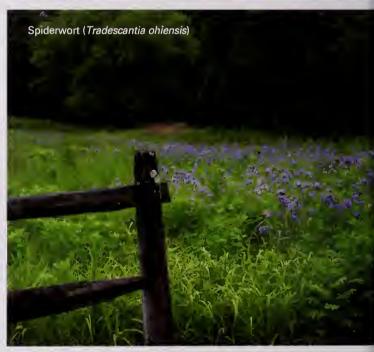
Normally I dislike guided tours of gardens, preferring to follow my own eye and instinct and mood of the moment. But in this landscape of native plants, a guide can point out both the diminutive beauties that might otherwise be overlooked and the natural systems at work that help each plant thrive—what the Preserve's executive director Miles Arnott calls "habitat heterogeneity." Ranging from dry woodland and meadows to moist floodplains, each habitat supports different plant communities, providing hospitable homes for about 800 of Pennsylvania's 2,000 native species—remarkable diversity for such a small area.

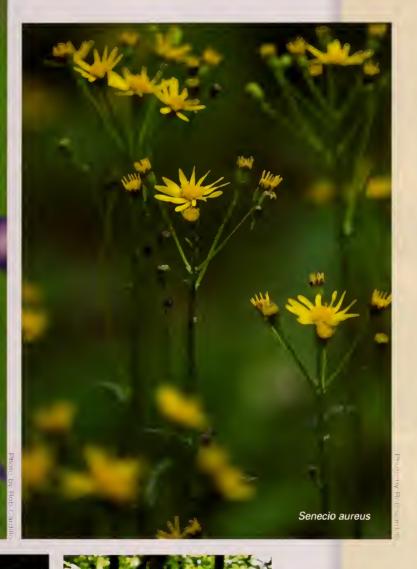
Maintaining such diversity, Arnott says, would be an impossible task if deer were not kept out. "We have almost half the floral diversity of the state represented here," he says, "and we can't have deer coming in and mauling our collection." A fence, installed around 100 prime acres in 1992, and an annual deer drive, in which volunteers help force any deer that might get past the fence back out again, help keep deer depredations to a minimum.

Controlling and (where possible) eradicating invasive plants is another crucial part of maintaining the collection. If left unchecked, vigorous non-native species such as garlic mustard, Japanese honeysuckle, multiflora rose, and stilt grass could easily crowd out many of the native species.

During a tour of the Preserve last May, Arnott pointed out the







Miles Arnott

Bowman Hill's Spring Plant Sale Sunday, May 8, 10am - 4pm *bhwp org*

Bringing Native Plants Home

The ten plants listed below are just a few of the standout native species that Miles Arnott, executive director of Bowman's Hill Wildflower Preserve, pointed out during a tour last May. If I had walked around the Preserve with him in another season, or even on another day, this list might be completely different.

Senecio aureus (golden ragwort) spreads both by seeds and underground stems called stolons; this vigorous plant will hold its own against the common invasive plant, garlic mustard.

Caltha palustris (marsh marigold) does well in moist places both in sun and part shade.

Veratrun viride (false hellebore) has spires of green flowers and pleated green leaves; it likes moist soil in dappled light.

Calycanthus florida (Carolina allspice) and Clethra alnifolia (sweet pepperbush) are two of Arnott's favorite native shrubs; the first has unusual fruity-smelling flowers; the second has sweet-smelling white flowers and spreads underground to create colonies.

Jeffersonia Diphylla (twinleaf) gets its common name from pairs of large leaves that persist after the flowers fall. It likes slightly acid rich soil in dappled sunlight, and dislikes a lot of competition from other plants.

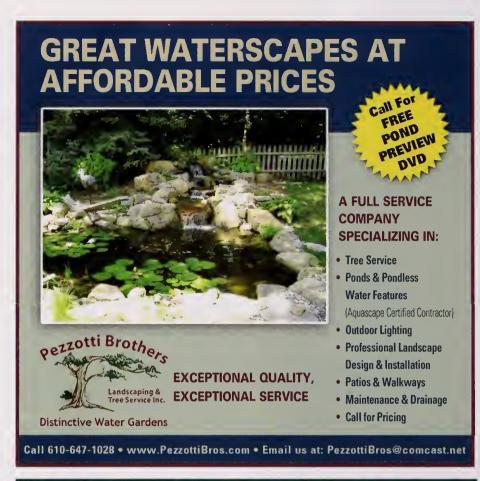
Osmunda regalis (royal fern) is, as its name suggests, a striking species; it will thrive in a range of sun exposures, but prefers moist soil.

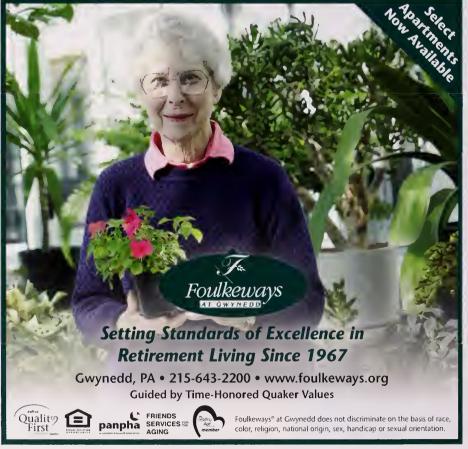
Cimicifigua racemosa (black cohosh) grows up to five feet, with long spires of white blooms in the summer that will lighten up a shady corner of the garden.

Eupatorium fistulosum (Joe-Pye weed) is a stately perennial whose flowers provide nectar for many butterflies.

Phlox stolonifera (creeping phlox) is a springblooming, ground hugging plant whose blue flowers will light up the woodland garden.

Chrysogonum virginianum (green-and-gold) is a creeping plant with golden yellow flowers up to six inches high in spring and early summer; it prefers shady or woodland conditions.





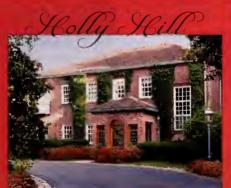
results of this landscape management—the healthy "vertical stratification" so important to a thriving natural ecosystem, but which is missing in many woodlands where deer and invasive plants run wild. At Bowman's Hill, each layer of the landscape—from the ground-level herbaceous plants and shrubs to the juvenile trees that will eventually grow up to replace the canopy trees looming overhead—is healthy and teeming with life, providing habitat for a wide variety of birds and other wildlife. About 110 avian species (including 31 warblers) can be sighted at the Preserve throughout the year, making it a hotspot for birdwatchers as well as for plant lovers.

Many of the trails in the Preserve (totaling 2 1/2 miles) have names reflecting the prominent plants one finds alongside them. As we walked down the Marsh Marigold Trail, Arnott pointed out royal ferns, skunk cabbage, and Iris versicolor growing in a low moist area where a spring bubbled to the surface. (The trail's namesake Caltha palustris had already bloomed by then.) The northfacing flank of Bowman's Hill itself is studded with rhododendron, mountain laurel, and other species more commonly associated with the Poconos and other mountainous parts of the state. The floodplain along Pidcock Creek is home to a spectacular sweep of Virginia bluebells, and other trails feature native azaleas, which are both beautiful and fragrant; many varieties of ferns; and native plants with medicinal uses.

Seeing what grows in each distinct area of a place like Bowman's Hill can show us the different ways in which native plants can be incorporated into our own gardens. To that end, the Preserve offers a wide variety of booklets and brochures, as well as daily guided tours, special lectures, and other programs. Spring and fall native plant sales feature both common and hard-to find species, many of which are propagated in the Preserve's own wildflower nursery.

Extensive lists of native plants suitable for home gardeners can be found on the Preserve's website (*bhwp.org*). Before trying natives in your home garden, Arnott suggests that you follow the Preserve's example and give them a fighting chance by excluding deer and controlling invasive plants.





A historic, country estate overlooking the Navesink River near Red Bank, NJ

For Tickets and further information visit www.statelyhomesbythesea.com or call 732.224.6780

Follow us on Facebook: Stately Homes by The Sea at Holly Hill

Holly Hill is available for purchase For real estate information contact: 732.727.3506



STATELY HOMES BY THE SEA

Designer Show House

May 3 " – June 12", 2011 Tuesday - Sunday 10:00AM - 4:00PM

Honorary Design Chair Alexa Hampton Honorary Landscape Chair

Dr. Norman Hungerford

Over 35 Top Designers 15 Landscaped Gardens Exclusive Gift Boutique Show House Luncheon Café

Nesign for a Purpose

All proceeds benefit the services and programs of Visiting Nurse Association of Central Jersey



TRADITIONAL HOME





LAMBERTVILLE, NJ

Nature as Inspiration: Color and Light



Cool colors and soft tints and tones have a calming effect and illustrate the gentle contrasts of nature in floral design. Here a soft purple ceramic container holds blue-green hydrangea, soft pink peonies, and lavender curcuma while a sparkle of allium 'Shubertii' leads the eye upward to the sun and sky. Early-season green privet berries blend into the garden background. Morning light captures the delicate colors of the flowers and enhances this decorative floral design.

Strong hues and contrasts of light and dark create energy. The sunflower faces reach for the noonday sun while parallel placement of stems mimics the lines of naturally growing plants. Dark heuchera leaves and moss at the base of the design add weight to visually support the tall flowers. Like a garden, this vegetative design is made to be viewed from all sides. Eremurus and cattails are seen from behind, while heuchera flowers and curly allium weave gently throughout the arrangement.



By Jane Gods alk . Photographs by Joanne Bening

LIGHT CREATES COLOR; WITHOUT LIGHT THERE IS NO COLOR. The amount and intensity of light dramatically impacts our perception of color. A walk through a garden heightens the senses to color and light and offers unlimited combinations, each with its own mood.

In nature, light changes from moment to moment. A gray cloudy day sheds soft illumination on flowers and plants while bright sunshine makes flowers vibrate with energy and reflection. The same view is very different in summer than in winter, as the sun strikes a garden from different angles throughout the seasons.

When arranging flowers, it is important to consider the element of light, the time of day, and the setting—indoors or outdoors, direct or ambient light. Soft colors do well with gentle natural light, strong hues shine in bright light, and white and cream colored flowers stand out in the evening.







It's where you want to be.



A warm, welcoming community. An active, independent lifestyle. A comfortable, contemporary home right outside the city.

It's The Hill at Whitemarsh – and now is the time to make the right decision to protect your future. Call now to schedule a tour... consider your options... and let the fun begin!

The right place for you. Find it at The Hill at Whitemarsh.



The Hill at Whitemarsh, 4000 Fox Hound Drive, Lafavette Hill, PA 19444 Ph: 215-402-8725 Toll-free; 800-315-4103 www.TheHillAtWhitemarsh.org



More Local Nurseries that Recycle Garden Plastics

by Laura Brandt

More than 350 million POUNDS OF GARDENING PLASTIC IS GENERATED IN THE UNITED STATES EACH YEAR. Luckily, many garden centers now collect and recycle horticultural plastic such as used pots, flats, and even garden markers. Contact your local nursery to see what types of plastic they take.

In our region, most trash haulers offer curbside recycling, but many only take plastics numbered 1 (PET or polyethylene) or 2 (HDPE or high-density polyethylene). Plastic nursery pots and trays are most commonly either Type 2, Type 5 (PP or polypropylene), or Type 6 (PS or polystyrene). Some trash haulers have partnered with RecycleBank, a recycling service that takes most types of plastic in certain geographic areas. They will also take used plastic nursery containers as long as they are rinsed out and free of debris.

A handful of garden centers have stepped up to the recycling plate by offering to collect used nursery pots and flats directly

public.

Following up on our story from last November's issue, here is a small list of nurseries in the Philadelphia area that accept plastic. If you know of a garden center that recycles in Pennsylvania, New Jersey or Delaware, please let us know at greenscene@pennhort.org and we'll update this list on the PHS blog. And if your garden center does not accept plastic from its customers, ask them to consider doing so.

- · Meadowbrook Farm, Abington Township, PA
- Behmerwald Nursery, Schwenksville, PA
- Carousel Gardens, Newtown, PA
- Gasper Garden Center, Richboro, PA
- Laurel Hill Gardens, Philadelphia, PA
- · Mostardi Nursery, Newtown Square, PA
- Primex Garden Center, Glenside, PA
- Russell Gardens Wholesale. Churchville, PA
- · Seasons Garden Center, Washington Crossing, PA
- · Waterloo Gardens, Devon and Exton, PA
- · Green Acres Nursery, Colmar, PA



from rabbits and small critters.

NEW! Plantskydd® Granular

Rabbits and Small Critter Repellent

Sprinkle Plantskydd throughout your garden. It couldn't be easier! Available as 1 lb. 3 lb., 7 lb., and 20 lb



- **#1 Most Effective**
- #1 Longest Lasting
- #1 Most Tested



Plantskydd® Deer Repellent

Repels deer, elk, and rabbits. Available as Ready-to-Use Spray (1 qt.) or Jug (1.32 gal) and Soluble Powder Concentrate (1 lb., 2.2 lb. and 22 lb.)



For our DEALER LOCATOR, FAQs, testimonials and *independent research results, visit our website

www.plantskydd.com

CALLTOLL FREE 1-800-252-6051



BEAUTY FROM BULBS

Bring the beauty of bulbs to your gardens from our vast collection of the best Dutch flower bulbs and herbaceous peonies at the best prices. Select a color palette and create natural, harmonious gardens with intermingled flower bulbs. Here is a fragrant combination of Triumph Tulip Apricot Beauty and Hyacinth Blue Jacket.

Contact Van Engelen for our 52-page wholesale flower bulb price list or John Scheepers for our colorful 88-page Beauty from Bulbs catalog. Contact Kitchen Garden Seeds for our 60-page catalog with over 500 gourmet vegetable, herb and flower seeds. It has a wealth of practical gardening tips from Barbara Damrosch and wonderful recipes from renowned U.S. chefs. Happy Spring!

John Scheepers

Phone: (860) 567-0838 www.johnscheepers.com

Van Engelen

Phone: (860) 567-8734 www.vanengelen.com

Kitchen Garden SeedsTM

Phone: (860) 567-6086 www.kitchengardenseeds.com

Serving America's finest gardens for over 100 years!

PA21

Living at Waverly Heights Retirement

Share your dream of the ideal retirement lifestyle, and Waverly Heights will bring it to life

Chances are you have a vision of how you'd like your retirement to look and feel. We believe you should have your way. So, we've spent twenty-five years fine-tuning our services to put the retirement lifestyle you seek within easy reach. We have the residence, the chef, the housekeeper, the programs director, the trainer...and a long list of other superb professionals and resources happily in place. We're just waiting for you to give us the chance to deliver.

Visit soon to tell us all that you have in mind.





1400 Waverly Road, Gladwyne, PA 19035-1296 Tel: 610.645.8764 Fax: 610.645.8611 www.waverlyheightsltd.org A nonprofit, non-sectarian lifecare community



EDIBLE HORTICULTURE

Delicious Raspberries, Blueberries & Blackberries Tree fruit and vegetables. Picked and PYO June through October. Indian Orchards 24 Copes Lane, Media, PA 610-565-8387

FLORISTS

Sustainable Event Decorating

Garden arrangements—fresh local flowers Featuring unique artist made containers Corporate-private www.urbanbotanical.com Helen@urbanbotanical.com 215-438-7533

GARDEN STRUCTURES

GREENHOUSE AND CONSERVATORY DESIGN & CONSTRUCTION

Custom Aluminum or Wood 35 Years' Experience Call Robert J. LaRouche at Glass Enclosures Unlimited 610-687-2444

GREEN TECHNOLOGIES

Rainwater Harvesting Systems

Capture • Filter • Reuse
Please visit our website to learn more
www.YourPond.com

Cedar Run Landscapes 1-800-Landscape

HARDSCAPING

HERITAGE STONE & MARBLE

We are an installation and restoration company who emphasizes longlasting quality with outstanding craftsmanship.

FLAGSTONE, BRICK—patios and walkways, COBBLESTONE—edging and paving, STONE walls, RETAINING walls, MARBLE, GRANITE—floors, walls, countertops.

215-699-5611

Upper Gwynedd, PA

PATIOS & WALKWAYS

Flagstone - Pavers - Brick Robert J. Kleinberg Landscape Design & Construction 610-259-6106 See our work online 100's of pictures at WWW.KLEINBERG.COM

LANDSCAPE DESIGN

ARTICHOKE DESIGN LLC

Sustainable Design, Custom Plans Garden, Fire-Pit, Pavilion, Deck, Patios Design Consultation, Construction Plans **Kirsten Puskar**, ASLA 215-646-4418

BURKE BROTHERS LANDSCAPE DESIGN/BUILD

Nationally-recognized designs.

Experienced staff ensures
the integrity of the design
from concept to completion.

burkebrothers.com

215-887-1773

610-520-2025

David Brothers Landscape Services Native Plant Nursery

Architects, Builders and Nurserymen
Providing the Fine Art of Garden Construction
and Landscape Restoration

215-247-2992

610-584-1550

www.davidbrothers.com

LINDA CORSON LANDSCAPE DESIGN

- Consulting
 - Plans
- Supervision

Registered Landscape ArchitectMember ASLA 215-247-5619

McGLADE & SON LANDSCAPING

Services we've offered since 1943:

- Year Round Property & Garden Care
- New Garden Design & Installation
 - Landscape Renovations
- Container Gardens & Window Boxes

Elegant Landscapes & Timeless Gardens Begin With Us. 610-642-6299 Gladwyne, PA www.mcqladelandscaping.com

MULCH

BALED PINE NEEDLE MULCH

Pick up/Delivery/Spreading service Cedar Run Landscapes Call for brochure 1-800-LANDSCAPE www.CedarRunLandscapes.com

FLOWERS AND MORE, INC.

Garden Design, Installation & Maintenance
PINE-NEEDLE MULCH
Wholesale and Retail
610-701-9283 renee52@comcast.net

NURSERIES

RARE & UNUSUAL PLANTS

- Specimen plants Pond plants Bonsai
 - Orchids Hardy cacti Tropicals
- Sculptured trees and shrubs Perennials
 - Unique Flower and gift shop.

MUTSCHLERS' FLORIST & RARE PLANTS 1-800-242-9438

www.mutschlers.com

Perennials Are Our Specialty!

POPES' GARDENS

Annuals • Vegetables • Herbs
Hanging Baskets • Shrubs • Trees
Fruit Trees & Berry Bushes
Classes • Display Gardens • Farm Animals
1146 Old White Horse Pike, Waterford, NJ
856-767-3343

www.popesgardens.com

Triple Oaks Nursery & Herb Garden

• Great Plants • Display Gardens • Programs • Franklinville, New Jersey www.tripleoaks.com 856-694-4272 greatplants@tripleoaks.com

WATER GARDENING

BULLFROG PONDS

An Award Winning Custom Water Features Company
Design • Build • Seasonal Maintenance
And Restoration of:
Fountains, Water Gardens, Koi Ponds,
& Natural Swimming Ponds
610-642-7052 Gladwyne, PA
www.bullfrogponds.com

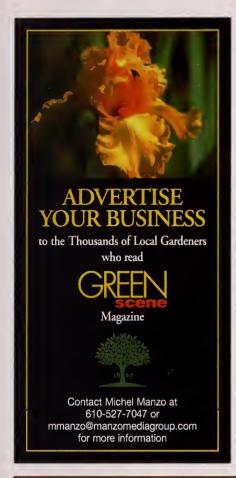
OTHER

ADIRONDACK OUTDOOR FURNITURE

Created with 1" thick Western Red Cedar Member PA Guild of Craftsmen Leisure Woodworks LLC

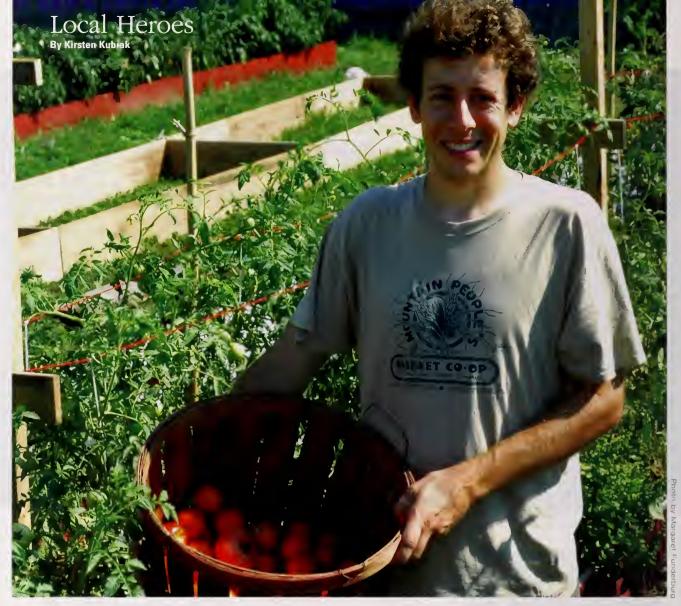
WWW.LEISUREWOODWORKS.COM

484-832-1848









Sharing the Joys of Gardening

n a small plot of land in North Philadelphia, urban farmer Bill Shick is growing more than just fruits and vegetables. He's teaching city residents about gardening and, more importantly, about eating healthy food. Bill is the leading force behind a demonstration garden run by SHARE (Self Help and Resource Exchange), a place where city dwellers can learn gardening tips and buy great veggies.

SHARE plays a key role in the PHS City Harvest program, a partnership that helps make fresh food available to low-income city residents. SHARE helps distribute vegetables grown by volunteers in community gardens throughout the city. It also donates food directly from its garden, and a soon-to-be-built greenhouse will be a resource for a network of entrepreneurial growers created by PHS with a grant from the United States Department of Agriculture.

"When people come to pick up their food, they get to observe the natural space and see where the food is coming from," says Bill. "Residents see what vegetables look like straight out of the garden." The SHARE garden also sells produce to neighborhood residents at about half of what they would pay at a grocery store. For growers like Bill and other City Harvest participants, it is important for everyone in the city to have access to fresh, local produce. "We will teach people how to grow and will offer gardening materials to anyone, no matter what their income," he notes.

Bill's favorite part of the job is meeting and sharing information with the people who come to the demonstration garden. "There are people who come to us who can name every single plant here. Then there are the people who have never seen vegetables before—like a kid seeing a sweet pepper for the first time. I have amazing conversations like this every day."

With vacant lots of land all over the city, Bill hopes he can help make some of that space available to people who want to start their own neighborhood and community gardens. "We are changing diets," declares Bill. "And we think that people will eat more fruits and vegetables if they have a part in growing them."



BIGGER PLANTS NATURALLY



scan to watch video

FOR ALL POTTED PLANTS - INDOOR AND OUTDOOR!

blooms is easy with Espoma Organic Potting Mix and natural and organic ingredients and are safe for people, pets, and the environment. Espoma - the most trusted name in organics since 1929.

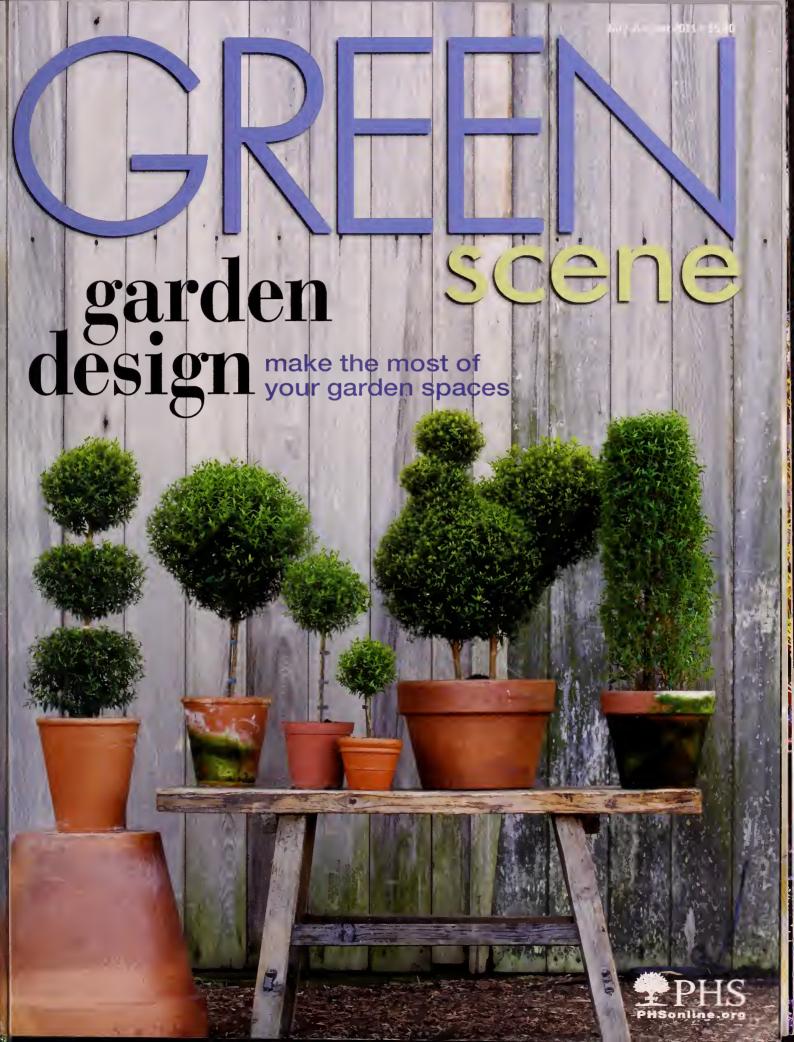


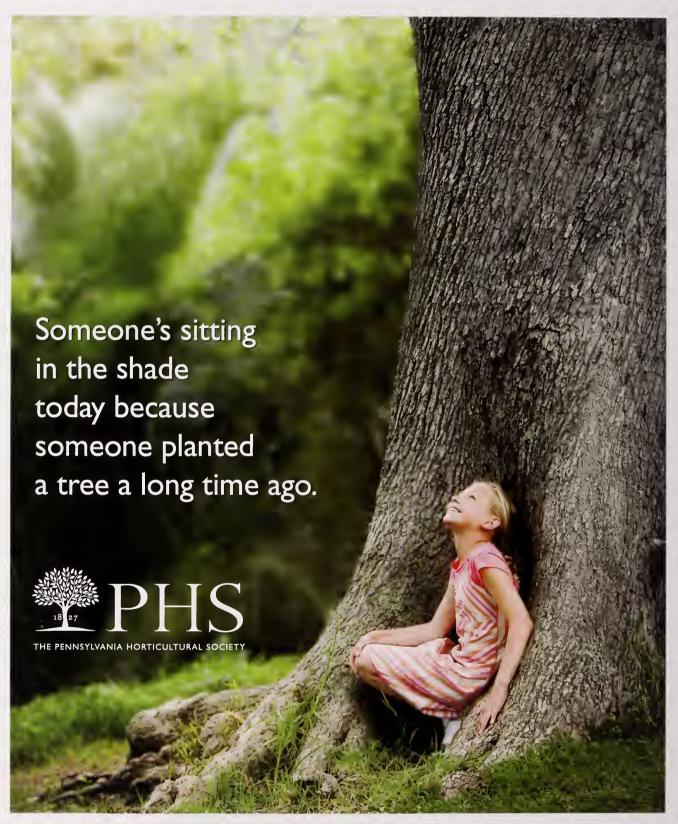


Follow us on Facebook at www.facebook.com/espomaorganic

www.espoma.com







The Pennsylvania Horticultural Society inspires and motivates people to improve the quality of life and create a sense of community through horticulture. Please support PHS in this effort by making your donation at PHSonline.org or contact Jennifer Shepard, Vice President of Development at 215-988-8766; jshepard@pennhort.org.

FROM INSPIRATION TO INSTALLATION...

EP HENRY IS WITH YOU EVERY STEP OF THE WAY

EPHENRY.

PROJECTSERVICES

No one makes it **easier**. No one makes it **better**. Call today for a **FREE ESTIMATE**, catalog, contractor referrals or to learn more about our quick and easy **Project Funding*** and industry exclusive Lifetime Product Guarantee plus Installation Warranty.



Cathedral Village







When Friends and Family Ask, "What do You do For Fun?"

We tell them we enjoy . . .

- ♦ The Village College, where courses are taught by our own resident professors, without any tests to take!
- Swimming at sunrise . . . during the day . . . and even in the winter when it's snowing!
- Dinners prepared to order and fresh from the Gourmet Grill on Saturday evenings.
- ◆ The camaraderie of friends while exercising in the Health Club or doing Tai Chi and Yoga.
- Singing in our Village Chorus which performed in a professional show at the Arden Theatre.
- Our Greenhouse for year-round personal use, and seminars given by professional horticulturists.
- Using our light-filled Art Studio for self-expression, as well as classes in a variety of media.
- ♦ Molding clay into works of art in the Pottery Studio where free classes are also held.
- ♦ Attending professional Concerts in Cathedral Hall including those presented by our own professional resident musicians.
- ♦ The many dramatic and comedic Play Readings created by our talented resident actors and directors.
- Putting around on our Professional Green for fun as well as competition.
- Many Bridge tournaments, Scrabble competitions, and parties for all occasions.
- ♦ Taking the Cathedral Village bus to Center City for the Orchestra, Theater and Ballet, and for day trips to The Philadelphia Flower Show, Philadelphia area museums and other places of interest.
- ♦ Joining Resident Committees and enjoying each other's company while volunteering in the Library, Gift Shop and other areas of the Village where our help benefits others.

Woven into this truly enjoyable lifestyle are new friendships with kindred spirits!

Come for a visit and discover even more!

Monday through Friday between 9 AM and 3 PM. Appointments are needed for weekends and holidays.

CING (RI

600 East Cathedral Road • Philadelphia, PA 19128 www.cathedralvillage.com (215) 984-8621

Quality First

Cathedral Village is a Nonprofit Nondenominational Continuing Care Retirement Community



Accredited Singert 986
Affiliated With the Jefferson Health System Since 1986







"Go Green" by reading Green Scene online!

Want to read *Green Scene* online? An electronic version of *Green Scene* is now available to every PHS member (Household level and above) who has provided PHS with a valid email address. Each time a new issue of the magazine is published, you will receive a message with a link to the online version.

You will still receive the print version of *Green Scene* unless you **opt-out** by sending an email to **memserv@pennhort.org**

letting us know of your choice. You can opt back in at any time and go back to the paper version. By reading *Green Scene* online only, you'll help PHS reduce printing and mailing costs and save trees, too! So try our e-magazine today. We think you'll like it.

THE McCEAN LIBRARY Society motivates people to improve the quality of life and Pennsylvania Horticultural Society

100 North 20th St. Cover photo: © Rob Cardillo

Philadelphia, PA 19103

Features

SPECIAL ISSUE: GARDEN DESIGN

replicate them at home.

- 8 Gallery of Graciousness
 In this photo gallery, we present a series of vignettes showing good design concepts and how you might
- 15 Tips from the Experts
 Four acclaimed garden designers
 share advice, from planning the
 space to picking the perfect plants.
- 22 Working with a Landscape Contractor

Calling in the pros may seem a daunting prospect, but in this article, we show you what to expect when you bring in a design-build company.

30 Style in Swarthmore

Joe Henderson and Jeff Jabco, both garden professionals who know how to weave magic in a small-garden setting, discuss their home land-scape.

Columns

36 Floral DesignWorking with patterns

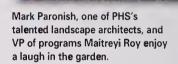
- 38 The Sustainable Garden & Water-wise gardening
- 41 The Gardener's Bookshelf
- **42 Local Hero**Environmental artist Stacy Levy

THE McLEAN LIBRARY
Pennsylvania Horticultural Society



BY NOW, YOU'VE HEARD about our PHS Pops Up gardens that have sprung up in three Center City locations, most notably in the large empty lot at 20th & Market streets, right in the middle of Philly's bustling business district. Here, PHS and its crack team of landscape architects, designers, gardeners, and staff worked with Temple University to re-purpose its 2011 Flower Show exhibit as the centerpiece for a new garden.

PHS President Drew Becher says, "This unique project brought together an amazing team of corporate partners, great chefs, land-scape architects, academics, and urban farmers. Our goal was to engage residents and visitors in the beauty and impact of community gardens, and inspire them to support programs that build healthy communities." Partners include Independence Blue Cross, Brandywine Realty Trust, and the William Penn Foundation.



While this Pops Up space will only be around for a few months, it's a great example of how people can develop an idea, blend it with good design and plenty of grunt work, and create a dazzling showpiece of urban horticulture. And let's not forget the underlying design: since Temple's "écolibrium" greenhouse from the Flower Show was itself based on the geometric art of Piet Mondrian, so too is the 20th & Market Pops Up garden based on Mondrian.

Visitors will also note how the PHS/Temple team created this garden out of reused materials and Flower Show displays, and used solid design techniques to tie it all together—clean, simple lines; interesting textures and scale; and an excellent plant palette (including PHS Gold Medal plants).

The next step, of course, is to come visit the PHS Pops Up gardens yourself, be it at 20th & Market; at PHS headquarters at 20th and Arch streets; or just a little further north at Logan Square, where you'll see carousel animals from the 2011 Flower Show tucked in among the plantings surrounding the Swann Memorial Fountain. Come see the city alive with color, plants—and great design—this summer!





July-August 2011

Editor

Pete Prown

Senior Editor

Jane Carroll

Associate Editor

Daniel Moise

Staff Photographer

Margaret Funderburg

Art Design

Baxendells' Graphic

Printer

ALCOM Printing Group, Inc.



Website

PHSonline.org

100 N. 20th St. Philadelphia, PA 19103-1495 215-988-8800

Chair

John K. Ball

President

Drew Becher

Senior Vice President

Katrina L. Wilhelm

Vice President, Programs

Maitreyi Roy

PHS Membership Information

Linda Davis, 215-988-8776

Display & Classified Ads

Manzo Media Group 610-527-7047

mmanzo@manzomediagroup.com

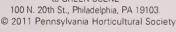
Garden Q & A Phone Line 215-988-8777, Monday through Friday, 9:30 to 12 [closed in December] askagardener@pennhort.org

GREEN SCENE (USPS 955580), Volume 39, No.4, is published bi-monthly (January, March, May, July, September, November) by the Pennsylvania Horticultural Society, a nonprofit member organization at 100 N. 20th St.,

> Philadelphia, PA 19103-1495. Single Copy: \$5.00 (plus \$2.00 shipping).

Second-class postage paid at Philadelphia, PA 19103.

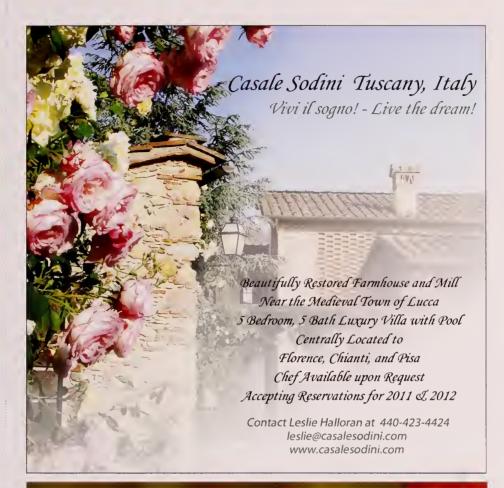
POSTMASTER: Send address change to GREEN SCENE







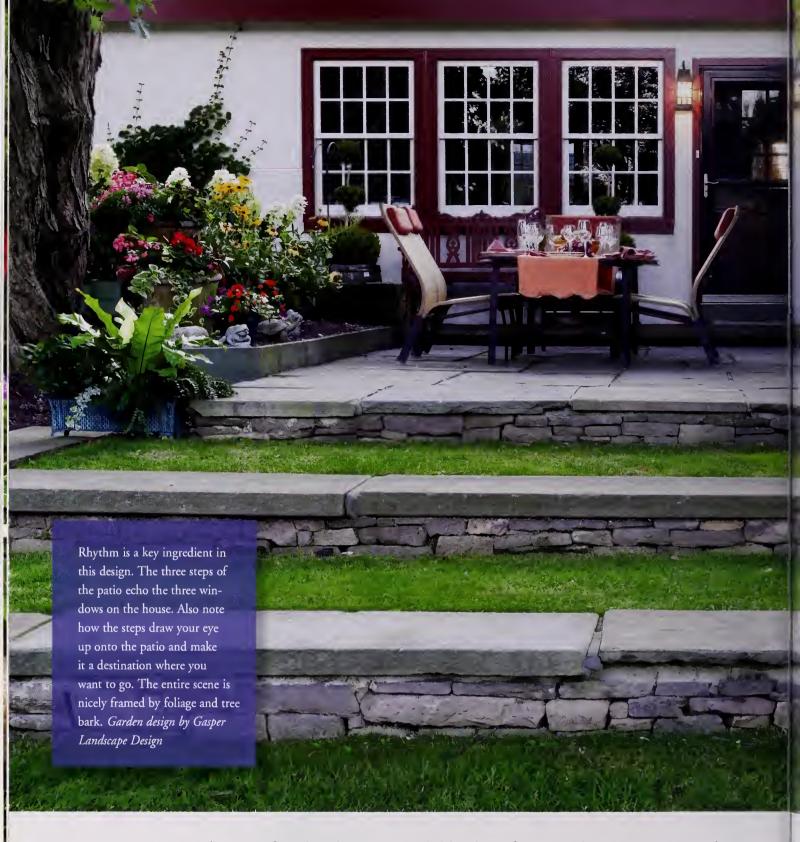






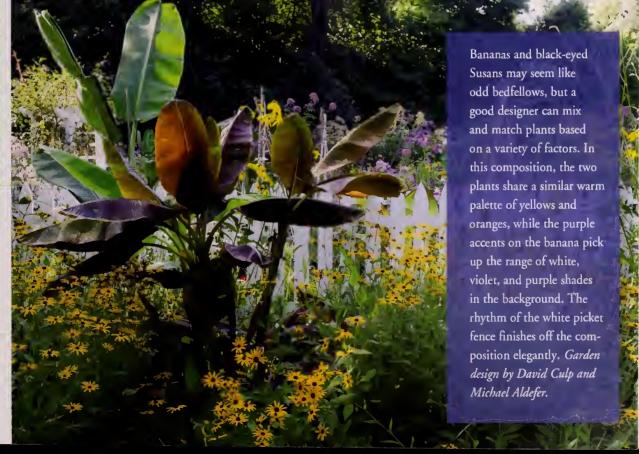


Garden Design Gallery by Pete Prowrite Photography by Rob Cardillo



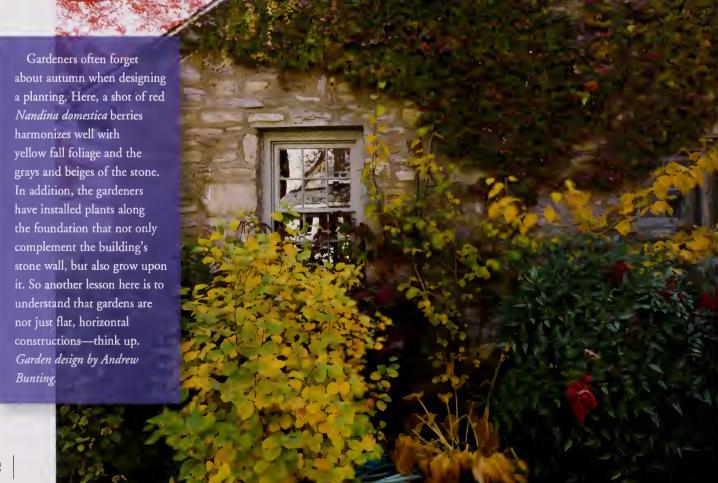
The aim of garden design is much like that of interior design: to create a pleasing scene or an inviting space to inhabit. To achieve this, designers use a variety of visual tools, such as color harmony, texture, scale, and rhythm to turn a mere assemblage of plants into a complete composition.



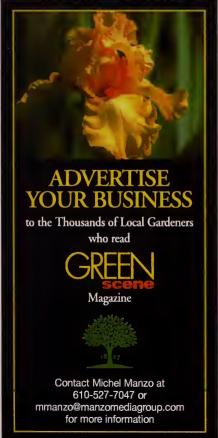




Garden furniture does not have to be neutral; in fact, it should be an integral part of the design. These chairs and table were painted crimson to create a dramatic focal point. A container of coleus and the green leafy foliage behind gently support the whole arrangement. Garden design by Gasper Landscape Design.







At Beaumont, You Have the Freedom to Retire Exactly as You Choose.



'We Love Beaumont... my husband and I continue to be active and engaged."

E. Rosen, resident

Discover superior elegance and service in a non-institutional retirement community owned and governed by residents. From exceptional dining and amenities, to on-site healthcare and facilities, Beaumont offers a unique, worry-free lifestyle. Arrange a personal visit by calling Audrey Walsh at 610-526-7004.



A Gracious, Resident-Owned Community



601 N. Ithan Avenue, Bryn Mawr, PA 19010 BeaumontRetirement.com





It only took 12 days for Michelle's pot to burst into bloom.

{ Plus 82 years of organic expertise.}





Plants have been thriving on our organic plant foods ever since we originated them for gardeners in 1929. Now you can treat all of your indoor and outdoor potted plants to our Organic Potting Mix. It's a nich blend of the finest natural ingredients to help grow larger plants and more abundant blooms. And because it's approved for organic gardening, our soils are safe for kids and pets.

Espoma. A natural in the garden since 1929.



Container gardens.

DESIGNING YOUR OWN LANDSCAPE









Great Designers Share their Secrets

by Denise Cowie

he Philadelphia region is rich with public gardens, arboretums, civic landscapes, and historic sites with gardens. These beautiful landscapes not only serve as sanctuaries for the soul, but also as living laboratories of good garden design.

But what happens when home gardeners turn to their own gardens? Do they give thoughtful consideration to design, or are most people simply seduced by whatever is in bloom at the garden center?

Many of the ideas that make professionally designed gardens work so well can also be applied to the gardens we create for ourselves. Green Scene asked garden-design experts who appeared at the Philadelphia International Flower Show this past March to share a few tips with home gardeners.

"Don't be afraid of the process," advises Susan K. Weiler of Philadelphia-based OLIN, which is known nationally and internationally for its green design. Instead, learn from what others have done. "Philadelphia has such a wonderful heritage, it's almost in our DNA, the importance of horticulture," she says. "There are so many wonderful examples of gardens that people should just go explore and see what catches their eye."

Designing Your Own Landscape

DESIGN TIP

GARDEN DESIGN IS LIKE THEATER—YOU WANT TO DIRECT IN A WAY THAT SHOWS OFF THE BEST OF YOUR PROPERTY.









Doug Hoerr

"I think for many people the idea of a designed garden is alien, or perplexing," says Douglas Hoerr, a landscape architect whose dramatic streetscapes in Chicago have contributed to that city's green renaissance. "They want instant gratification—to go out and just plant things—but that's like buying a wardrobe of clothes and then finding nothing fits together because you

didn't think about it."

"First, design the spaces," says Hoerr (pronounced "hair"), a partner in Chicago's Hoerr Schaudt Landscape Architects. "Consider something as simple as how you get to the front door of the house. It's like theater—you want to direct in a way that shows off the best of your property."

That may mean putting the garden's entry point farther out to create an attractive route to the front door. Create focal points and sitting areas that entice visitors to enjoy the whole property.

"Where is the nerve center in the house?" Hoerr asks. "A lot of people pack plants up near the house because they think that's where they go, but many people enjoy their plants from inside because they don't have time to be in the garden. We come home from work and we want to look out and see our garden, so try to orient those gardens where they can be seen—maybe away from the house, so they aren't hidden by the windowsill."

He points out that plants can be used in many different ways. There are those you want for your own enjoyment; some that block views or create privacy; others that complement the architectural style of the house; and some that are functional, such as herbs and vegetables.

Hoerr continues, "When I'm designing a garden from scratch, I ask, 'Why am I using plants in this location, and what is their role in the garden?' It's critical that you pick plants that are happy in their locations—whether that's sunny, shady, a wet spot, dry shade—rather than having a preconceived idea that you are going to use a certain plant. Pick the right kind of plant for the spot, then look for the attributes that will make it interesting—that will give you good seasonal interest, texture, and form."

Choose plants that will allow you to achieve the goals you have identified in your design, Hoerr concludes, "and you will have a well-conceived garden that offers shade, privacy, beauty, and utility."



DESIGN TIP

TREAT [PLANTS IN YOUR GARDEN] AS A LIVING WARDROBE-YOU'RE PUTTING A WARDROBE TOGETHER, FOR SPRING, SUMMER, WINTER.



Susan K. Weiler

"Observation might be the first step in designing a new garden," suggests Susan K. Weiler, a partner with OLIN, whose recent projects include the Anne d'Harnoncourt Sculpture Garden at the Philadelphia Museum of Art. Visit gardens and look at the massing of plants—the use of plants

big and small, the way things are layered, what's growing in shade and in sun.

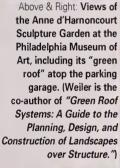
But don't stop there.

"At smaller nurseries there is more time to observe what the plants look like, their needs—spacing, how big they will get, etc.—and gardeners can see them next to other plants, so they can literally hold one up against the other," she says. "Treat it as a living wardrobe—you're putting a wardrobe together for spring, summer, winter."

Choose your own style. Don't feel compelled to use a certain kind of stepping stone just because everyone seems to be doing that. Incorporate elements and plants that you value. "I think gardens should have the ability to make people happy," Weiler says. "They shouldn't be making people leap up and down with joy all the time, but they should accommodate moods—be restorative, or sometimes be reflective or contemplative.

"Sometimes the same garden will feel different to people when they are having their morning coffee than it will later in the afternoon or in the evening. A lot of it has to do with the changing light, temperature, atmosphere, moisture—environmental impacts that are there all the time." Being aware of those conditions, as well as plants' needs, will help to ensure the garden's success.









Designing Your Own Landscape

Craig Bergmann

"Know the house you are working with," says Craig Bergmann of Craig Bergmann Landscape Design Inc., whose company does a lot of historic restorations around Chicago but also tries to incorporate modern twists. He urges people to take note of architectural details that can help connect the landscape to the house or buildings. Sidelights on a

front door, lead-glass windows, or a capital on a column could all serve as jumping-off points for a design element.

"If we need a trellis, we'll look at how the windows are divided,

and often mimic or complement the dividers in the trellis design," Bergmann says. A rectangular grid, for example, could be incorporated into the trellising that would be mounted on the wall between the windows. But don't overdo it. Bergmann would not use red brick in the garden of a red-brick house—because there's already a lot of it—but instead might complement the texture and age of the bricks in his choice of flagstones.

He adopts a similar approach with plants, using older plants strategically to make a garden look more established. He points out that with trees, younger trees are often more adaptable. "For every inch caliper of trunk, it takes an additional year for that tree to get back to normal growth rate" after transplanting, he says, "so a three-inch tree will take three years to establish, but a 10-inch tree will take a decade to go back to normal growth. Sometimes, the three-inch tree will be bigger than the 10-inch tree in 10 years."

DESIGN TIP

TAKE NOTE OF ARCHITECTURAL
DETAILS THAT CAN HELP CONNECT
THE LANDSCAPE DESIGN
TO YOUR HOUSE.

Photos below by Linda Oyama Bryan

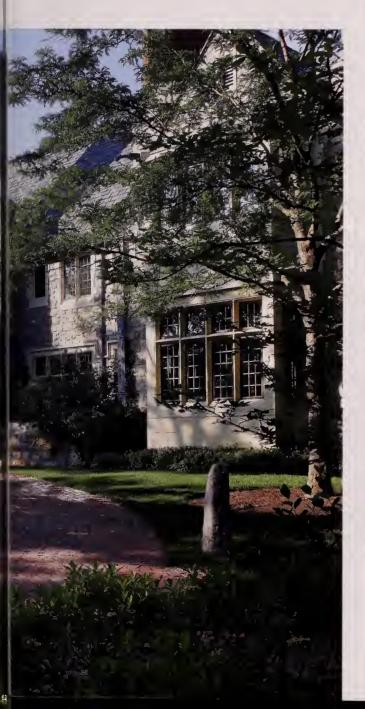






He doesn't advocate planting three small things where you really want one large specimen, however. "In three to five years, all will be misshapen," he says, "so plant the one and make it look a little bigger by using seasonal plants to fill in."

The same idea works for garden beds and climbing plants. A one-gallon clematis may take four or five years to cover a pergola, he says, but a budget-conscious gardener could plant morning glories with it to fill in the gap and give the planting an established look.



DESIGN TIP

THE PLANT MIX SHOULD INCLUDE SHRUBS, PERENNIALS, BULBS AND, TO SOME EXTENT, ANNUALS. THIS WAY, THERE WILL BE INTERESTING PLANTS TO ENJOY ALL YEAR LONG.

Lynden B. Miller

Before you start designing a fancy garden, consider how you are going to maintain it, says Lynden B. Miller, director of the Conservatory Garden in New York's Central Park and author of Parks, Plants, and People: Beautifying the Urban Landscape, a highly regarded book on planning urban parks that is also relevant for amateur gardeners.

"Home gardeners might not put enough thought into maintenance," she says, "but creating a garden is like having a child—you have to take care of it."

A respected garden designer, Miller is responsible for about a quarter million plants in Manhattan, so she is well aware that maintenance is a big part of success. That's one reason she advocates mixed planting as a mainstay of a well-designed garden.

"Using shrubs and perennials in that way means a lot less maintenance. Sustainable is maintainable—if it's maintainable, that means you've put the right plant in the right place."





Miller learned the merits of mixed planting by working on her hands and knees in her own garden in Connecticut. She adds winter interest by using evergreens; shrubs with all-season appeal such as oakleaf hydrangea ("my favorite plant in the world"); and an occasional ornamental grass such as *Helictotrichon sempervirens*, or blue oat grass, as an exclamation point.

An artist as well as a horticulturist, Miller stresses that gardening is not simple: "Gardening is an art form, and it is very complicated to get it right. If I ever see gardening moved to the art section of the newspapers, I will die a happy woman."

Denise Cowie is an amateur gardener and Australian transplant who fell in love with the history of horticulture in Philadelphia during the years she wrote about gardening for the *Philadelphia Inquirer*.

THE BARNES FOUNDATION HORTICULTURE COURSES





In 1940, Laura Barnes established the Arboretum school to provide students of horticulture, botany, and landscape architecture the opportunity to work under professional guidance. The Barnes Foundation carries on the tradition today, offering a three-year program in ornamental horticulture that offers a comprehensive curriculum of botany, plant propagation, practical horticulture techniques, and landscape design. The curriculum develops skilled horticulturalists through a combination of classroom lecture, self-directed learning, and hands-on practice.

Open enrollment for Fall 2011 classes in Merion

For information and registration: www.barnesfoundation.org or call 610-667-0290 ext. 1071/3825

The Barnes Foundation, 300 North Latch's Lane, Merion, Pennsylvania 19066

It's not what you know about your garden, but who you know.

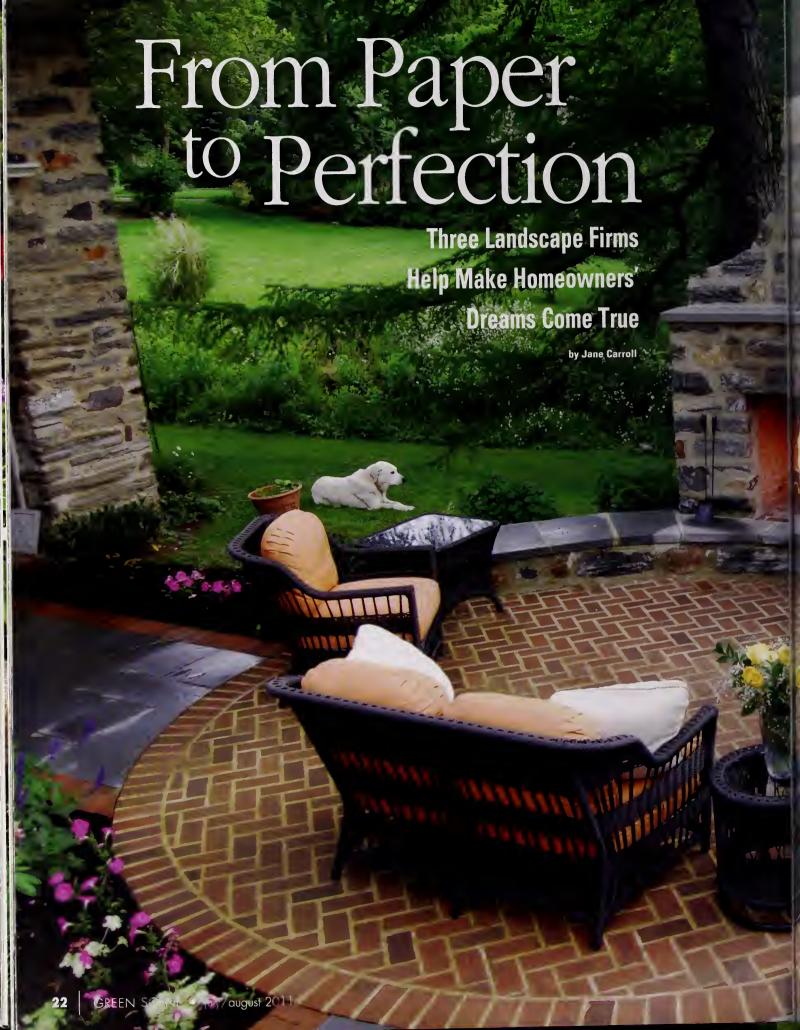
Do you know Jack?

Stoney Bank N U R S E R I E S the fine art of landscape design

Our award winning designers (including Jack) are transforming landscapes... creating native, contemporary and romantic gardens where dreams are realized through horticultural craftsmanship and innovative design.

visit us online at stoneybanknurseries.com A Complete Design-Build Company

ph 610-459-5100 | 61 Stoney Bank Road | Glen Mills, PA 19342





From Paper to Perfection

THE DESIGN PROCESS

A PA-registered landscape architect, Stoney Bank's Joe Blandy explains how he works with a new client: "The first step is to schedule an initial consultation to see the space, assess the site conditions, and learn about the client's likes and dislikes. Then we put together a proposal for design services." Once a contract is signed, he prepares a schematic design laying out the general direction. Blandy says it's crucial to find out exactly how the client intends to use the space. "More and more, people view their outdoor spaces as an extension of the home."

Stoney Bank's team then works with the client to choose specific elements and plant varieties. "We lean toward native plants but

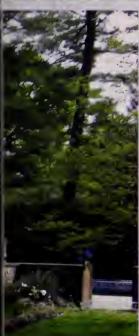
we do use a mix of ornamentals, because you may want design characteristics that you can't find in a native," Blandy says.

Like Stoney Bank, Burke Brothers employs a professional staff that produces a site plan after studying the topography, the location of mature trees, light exposure, and architecture of the house. Kevin Burke says he tries to help customers articulate what they want. "Sometimes when we first visit a property, people aren't really sure what they want, so we ask questions and try to figure out where they are in their lives," he says. "Some people want to make a statement to the outside world; others just want a beautiful setting to relax in at the end of the work day."









Many landscape design/build compa-nies can construct hardscape elements such as patios. Stoney Bank Nurseries





Above: Large boulders are used to build a retaining wall. Burke Brothers Landscape Design/Build

Above: Michael Petrie's solution for a meadow that could not be planted due to a large population of deer was to carve out a serpentine path through the tall grass. Michael Petrie

From Paper to Perfection



In addition to his in-store consultations, Petrie of Handmade Gardens offers on-site design assistance for a fee. After studying the property, he spray-paints his ideas directly onto the ground. Then he creates perspective sketches showing the principal sightlines and views of a proposed design. "This gives the customer a three-dimensional sense of what they are going to get. I'm really not a fan of traditional landscape design plans. I think they're too abstract," says Petrie. His company installs gardens, as well, but does not build hardscape elements.

STAYING ATOP THE LATEST TRENDS

Kevin Burke says many younger families are interested in play areas for their children and are willing to invest in outdoor space for family time. In fact one of his company's biggest sellers is the outdoor fireplace. "We've built at least a dozen in the past few years," he says.

He has also noticed two trends that reflect today's tougher economy. "We're doing







fewer outdoor kitchens," he says. "Also, we used to complete projects all at once, but now we do more jobs in stages. Actually we love that because we get to work with more clients and do more projects, and we get to know the properties and can help the garden take shape over time."

For those seeking a "green" solution, Stoney Bank Nurseries uses sustainable practices as much as possible. "Sustainability is I think where our company stands apart," says Joe Blandy. "We look for creative ways to incorporate sustainable options into the historic properties we tend to work with."

Burke Brothers uses natural stone products and likes to find a second life for used materials. "We're big into recycling," says Kevin Burke. "We'll sometimes use wood from old barns that have been taken down. We also try to use what's already in a garden. Maybe some shrubs have grown too large near the house foundation. There might be another place on the property where they can be moved."



FROM CHALLENGES TO SOLUTIONS

Joe Blandy of Stoney Bank stresses that designs are "always fluid, always changing." Once in a while, conditions on the ground can throw a curve ball at the design team. "We had a client who had old ruins on his property and wanted us to create a ruin garden," he says. "Once the work began we found several underground springs, so we made water features like ponds and fountains a focus of the garden." Of course, some surprises are less happy: "You might want a large specimen tree in a prominent spot and find a 100-year-old cesspool buried there."

One practice Burke Brothers would like to encourage is fall planting. "I always tell clients that for the health of trees, shrubs, and turf, fall is the ideal time to establish new plantings," Burke says.

Michael Petrie declares that "the biggest

design killer in our area is a four-letter word: deer." He says most customers don't want to build huge fences or use a lot of sprays to keep deer out. So he gently breaks the news that the palette of deer-resistant plants is limited, though he carries several interesting varieties at Handmade Gardens.

"The other big factor is soil condition. If you have a lot of rock, gravel, shale, or clay, many plants will end up doing poorly," Petrie says. "You have to choose plants based on your soil."

Petrie's key piece of advice for homeowners is to cultivate patience. "Don't expect a makeover—that's an idea from TV and it's a bad concept for horticulture," he says. "Building a garden takes time. Plants take time to grow, and everything changes. You need to build a relationship with a designer and 'make a garden' together."



Save the Date!

Don't miss the 2012 Philadelphia International Flower Show, "Hawaii: Islands of Aloha." March 4-11 at the Pennsylvania Convention Center.

Landscape Designers from the Philadelphia International Flower Show

Burke Brothers Landscape Contractors, Inc.

Wyndmoor, PA 215-887-1773 burkebrothers.com

Mark Cook Landscape & Contracting

Doylestown, PA 215-345-9164 mclcdesign.com

J. Downend Landscaping

Ridley, PA 610-833-1500 downendlandscaping.com

Groundswell Design Group

Hopewell, NJ 609-466-8100 groundswelldesigngroup.com

EP Henry

ephenry.com

Hunter Hayes Landscape Design

Ardmore, PA 610-896-0309 hayeshorticulture.com

Irwin Landscaping

Hockessin, DE 302-239-9229 irwinlandscaping.com

Kepich & Associates

Holicong, PA 215-794-5090 kepichlandscapedesign.com

Michael Petrie's Handmade Gardens

Downingtown, PA 610-873-2830 handmadegardens.net

Romano's Landscaping

Pitman, NJ 609-471-1067

Stoney Bank Nurseries

Glen Mills, PA 610-459-5100 stoneybanknurseries.com



Dig deeper...

be enchanted. be delighted. be inspired.

Wednesdays at Winterthur

11:30 am, Greenhouses

Join us for demonstrations, talks, and guided walks covering a wide range of gardening topics. Programs last approximately one hour.

July 6 Behind the Scenes: Plant Record System

July 13 Managing Weeds and Invasives

July 20 Stonewalled: Methods and Materials

July 27 Pruning: What, When, and How

Second Saturdays Garden Walks

8:00-9:30 pm, Visitor Center

Learn fascinating, little-known details about the estate with our expert horticulture staff. Walks last approximately 90 minutes.

July 9 Chimney Swifts on Farm Hill

(Bring a flashlight and wear walking shoes.)

Enchanted Woods

Celebrate 10 years of magic in our award-winning children's garden. Kids of all ages will enjoy exploring the Tulip Tree House, Troll Bridge, Facric Cottage, Upside-Down Tree, and much more!

For more information call 800.448.3883 or visit winterthur.org.

* Included with admission, # Members free

Winterthur is nestled in Delaware's beautiful Brandywine Valley on Route 52, between I-95 and Route I.

YOUTS, IVIIO, Text & photos by Jeff Jabco and Joe Henderson

Jeff's dry-laid stone wall is topped with purple alliums; orange Euphoria griffithii 'Dixter'; red tree peony (Paeonia 'Chinese Dragon'); burgundy-foliaged Berberis thunbergii t, atropurpurea 'Helmond Pillar'; and Rosa banksiae on the house corner. The steps in the stone wall are planted with thymes and sedums. 30

Ours

JOE HENDERSON IS A GARDENER AT CHANTICLEER, IN WAYNE, PA. JEFF JABCO IS DIRECTOR OF GROUNDS AND COORDINATOR OF HORTICULTURE AT THE SCOTT ARBORETUM OF SWARTHMORE College. They share a house in Swarthmore, PA.

Two garden professionals discuss how they collaborated on their home garden design

Jeff: We've been gardening together at our home in Swarthmore since 1994, and, since we are both horticultural professionals, we tell others that our garden is a cooperative effort. But let's get something clear now—it's all about picking your battles and who gives in first!

Playing to Your Strengths

Joe: The first time I saw the house I now call home, I thought of the great potential it held. Jeff had cleared almost all of the existing foundation plantings. He laid down the beginning bed lines, organic and curvaceous, which I was not too thrilled with. I prefer some straight lines to juxtapose orderliness with chaos. When I look at a landscape I think of my college professor, Dr. Frey, at the University of Delaware, and divide the space into public (open for all to see), private (more informal), and utilitarian (storage, vegetable gardening, service area).

Jeff: We do agree that we each have our strong areas. Joe is creative about shade gardening, pushing the comfort level on color, plant combinations, and garden ornamentation. My strong suit is design, interest through the seasons, construction, and maintenance.

The Front Garden

Jeff: We live in a 1950 Cape Cod house, so I've always envisioned the front garden as my interpretation of a cottage garden. This area is shaded all afternoon by a large scarlet oak street tree. The front has a deep foundation planting of flowing, curvaceous beds full of snowdrops and hellebores in winter; epimediums, hepaticas, corylopsis, and peonies (in spots with enough sun) in spring; and in summer, hydrangeas and clematis growing through everything.

Years ago I didn't like the view from our



former dining room, which looked across the front garden to the street beyond. Joe convinced me to plant a bed along the inside of the public sidewalk. This full-shade bed is now a white border with snowdrops, white hellebores, *Narcissus* 'Ice Wings', *Viburnum* 'Conoy', ferns, a *Picea orientalis* 'Gowdy' for evergreen screening with a *Clematis* climbing through it. The lawn crosses the front diagonally and is only about one-quarter of the space in front of the house—just enough to set off the beds. Joe wants to naturalize blue chionodoxa and scilla in the lawns and beds.

Joe: I wanted our front garden to be inviting but private as well. The lawn serves as a grassy sward for access, and the bed along the public sidewalk creates a partial screen from the street. Through trial and

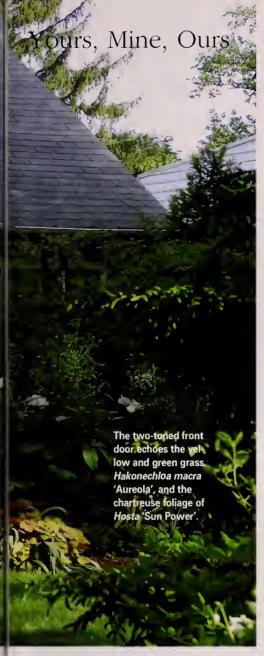
error we decided on a fairly neutral palette of whites and chartreuse with some punches of color. The chartreuse is carried onto the house by painting the screen and front door two shades of green—the outer door a lighter chartreuse as if it's hit by sun, and the inner door a darker green to appear as if in shadow. All of the beds and color focus attention on the entrance. So many homes lack this focus. I like walking through the front garden to enter our home. It gives you a few seconds to decompress before you step inside.

The Rear Garden

Jeff: The rear garden is roughly a square that we divided into two rectangles separated by a dry stone wall, with the upper area just

20 inches higher than the lower garden. I wanted an s-curve stone wall with dry-laid stone steps to connect the two gardens. The stone used for the wall is Wissahickon schist—the same as the walls of the house. Repetition is important in my design so we've also used Pennsylvania bluestone for the front entrance walkway and the rear patio."

The full-sun planting on top of the stone wall is mainly hot colors: orange tulips with purple alliums; magenta clematis on the purple *Berberis* 'Helmond's Pillar'; and purple and white *Clematis* 'Venosa Violacea' on a honey-apricot *Rosa* 'Graham Thomas'. The farthest border is a yellow border with yellow foliage in spring: *Carex elata* 'Aurea' (aka Bowles Golden), *Cornus* 'Sunshine' and



Heuchera 'Citronelle'. These are accented by Siberian iris in purples and blues and the blue spikes of Camassia.

Joe: In the rear garden, we took advantage of the longest axis, a diagonal, to make it appear as large as possible. This recommendation by Mara Baird, a friend and landscape architect, would merge many ideas for the space by providing a destination and a focal point. By not setting the axis parallel to the house, the rear garden encourages a more leisurely approach. The stone wall functions as both a divide and extra seating. The planes of the house and garage are balanced with a recess for a patio to display containers of seasonal foliage and flowering plants.

A large Lady Banks rose (Rosa banksiae)







Yours, Mine, Ours

Below: Clematis 'Venosa Violacea' climbs through Rosa Graham Thomas ('Ausmas'), supported by a metal obelisk that Joe built.





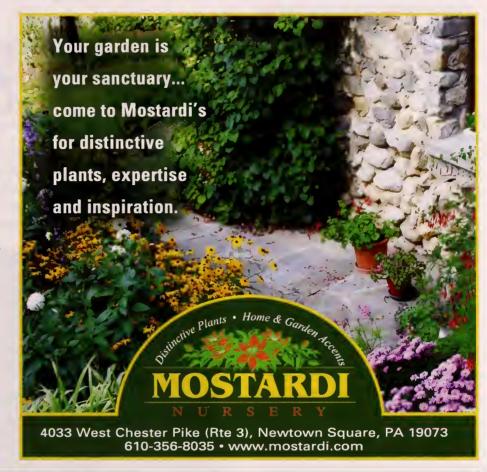
"Our home garden is an evolving garden that constantly changes and is never what we consider finished."



softens the corner of the house and graces the second-story balcony. The garage wall bounding the patio is partially concealed by a tracery of black bamboo, providing a wooded feel in a confined area. Anchored by a stone column, the terrace is a functional transition zone between inside and outside. The two-story addition to the back of the house, which we completed about seven years ago, restructured the interior space to take advantage of the garden. Designed by Mary Holland of Cicada Architecture, the addition takes advantage of views to the garden, allowing the plantings to be enjoyed as much from the inside as out.

Designing into the Future

Joe: Our home garden is an evolving garden that constantly changes and is never what we consider finished. We're fortunate that we still have new ideas and are willing to change things. And luckily, neither of us minds living with a work in progress. 🗪







By Jane Godshalk, AIFD . Photographs by Rob Cardillo

attern is created by repetition of the elements of line, form, color, and texture and is found throughout the natural world. Repetition of these patterns creates rhythm or a visual path through a design. This path may be fast, slow, regular, erratic, or any combination. In nature, patterns can be random or become slightly more ordered, as when waves make a drifted pattern when bringing in shells from the ocean. Rivers flow in





Always in Season™



LIVE WITH NATURE

Container Plants, Design & Installation of **Native Landscapes**

1165 Yellow Springs Road Chester Springs, PA 19425 610-827-2014

www.yellowspringsfarm.com



Garden

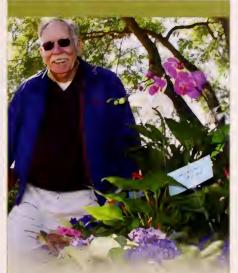
Gateway gatewaygardens.com Hockessin, DE 19707 302-239-2727



with Pattern

serpentine patterns, and circles and spirals are visible in many plants and natural settings. The pattern in a single flower is often formed by the repetition of a series of petals. Combining flowers in a floral design requires careful attention to each flower's pattern and then looking for ways to repeat, vary, or contrast it with other elements in the design.

Pattern is a key element in this modern mass arrangement. Small purple and white mussel shells are glued side by side to a make a sphere with a mosaic pattern. Purple hydrangea blossoms have a similar pattern with their overlapping, oval-shaped petals. The subtle variation of the shell sphere and round hydrangea shape makes the two units work together almost as one. Dark purple callas are placed next to one another in a fan pattern with folded aspidistra leaves mirroring the pleats of the calla lilies. Purple carnations and Lisianthus provide a contrast in texture-ruffled for the carnations and smooth for the Lisianthus-but their rounded forms echo the overall pattern The repetition, variation, and texture, and pattern give this



Naturally Green. Pine Run Retirement Community...

...growing beautiful gardens, good will and a healthy lifestyle in the perfect Bucks County Pennsylvania location. Owned and operated by Doylestown Hospital, Pine Run is a true continuing care retirement community. Cottages and apartments charm the campus along with many amenities such as a greenhouse, the Back - Achers vegetable garden, and a walking path with views of Pine Run Lake. Visit our mature landscape today.



800-992-8992.

Community

Uniquely Doylestown. **Definitely Pine Run.**

777 Ferry Road. Doylestown, PA 18901 www.pinerun.org





Water Wise Gardening Story and photo by Laura Brandt

ow many times have you seen an automatic sprinkler system aimed at the sidewalk instead of the grass, or someone running a sprinkler on a hot, sunny afternoon? These all too common wasteful practices are costly, both to homeowners and our environment. The average American uses 200 gallons per

day watering their lawn, according to the American Society of Landscape Architects.

It's time for gardeners to set an example by spreading the word about money-saving and environmentally friendly alternatives. Here are some tips for conserving those precious drops of water in your garden this summer:

RETHINK YOUR LANDSCAPE

If you have a great deal of water-intensive lawn or annuals, it may be time to re-think your landscape design. Water-efficient landscapes using native and other drought-tolerant plants can reduce watering by more than 50 percent. Think of the savings in time and money.

Consider reducing the amount of turf on your property. Do this gradually, over several years if you like. Replace the turf with native plants and drought-tolerant shrubs and perennials. In addition to the water savings, you'll appreciate the textures and colors that these plants offer. You'll find more birds, butterflies, and beneficial insects in your garden as well.

If you must water the garden or a new lawn, water during the coolest part of the day (early morning is best). Use soaker hoses or drip irrigation; avoid sprinklers, because most of that water evaporates into the atmosphere.



USE MULCH & ORGANIC MATTER

Adding organic matter such as compost to the soil will improve its structure so that it can retain more moisture. Adding a layer of mulch suppresses weed growth and helps conserve water by retarding moisture evaporation during dry periods. Gardeners use various types of landscape mulches, including plastic and gravel. However, organic mulch is best for keeping the soil moist and cool while also improving the soil.

CHOOSE DROUGHT-TOLERANT PLANTS

Gardeners today can select from a wide variety of great drought-tolerant native plants for our area. As a landscape designer and gardener for over twenty years, some of my favorite drought-tolerant native plants include goldenrod (Solidago sp.), fall-blooming asters, black-eyed Susan (Rudbeckia sp.), coneflower (Echinacea sp.), and various grasses. Native 'Shenandoah' switchgrass (Panicum virgatum 'Shenandoah') is a

winner with its spectacular reddish fall color. Sedums and other succulents, once established, don't require any supplemental water at all.

If you're a rose lover, try the Knock Out series of disease-resistant roses that bloom nonstop from June until frost. Commercial landscapers use these tough plants for bursts of bright color. Most annuals can be waterguzzlers, but super-tough lantana, my alltime favorite, comes in a variety of outstanding color blends.

SWITCH TO ECO-FRIENDLY POTS AND CONTAINERS

Clay pots are lovely, but porous. I had quite a collection until I became their slave with daily watering. Switching to selfwatering containers—which have built-in water reservoirs—saves time and money. There are so many beautiful options in retail centers and gardening catalogs. For example, Gardener's Supply Company (gardeners.com)

offers a huge assortment of shapes, sizes, colors, and finishes in self-watering containers, from window boxes to hanging baskets.

You can switch any pot to self-watering by adding an inexpensive reservoir to your container. With conventional pots, you can also add water-retentive, starch-based gels to the soil. These "hydrogels" swell with moisture and release it when needed.

HARVEST RAINWATER

Connect a rain barrel to your downspout to collect rainwater for use on your plants. Just a half inch of rain falling on a 1,000-square-foot roof can produce 300 gallons of water runoff. Best of all, recycled rainwater is free! You'll be cutting your water bill and feeling good about doing your part in environmental stewardship for your community-and our planet.

It's where you want to be.



A warm, welcoming community. An active, independent lifestyle. A comfortable, contemporary home right outside the city.

It's The Hill at Whitemarsh – and now is the time to make the right decision to protect your future. Call now to schedule a tour... consider your options... and let the fun begin!

The right place for you. Find it at The Hill at Whitemarsh.



The Hill at Whitemarsh, 4000 Fox Hound Drive, Lafavette Hill, PA 19444 Ph: 215-402-8725 Toll-free: 800-315-4103 www.TheHillAtWhitemarsh.org

EDIBLE HORTICULTURE

Delicious Raspberries, Blueberries & Blackberries Tree Ripe Peaches, Pears and Apples Picked And PYO June through October

Indian Orchards

24 Copes Lane, Media, PA 610-565-8387

FLORISTS

Sustainable Event Decorating

Garden arrangements-fresh local flowers Featuring unique artist-made containers Corporate-private www.urbanbotanical.com Helen@urbanbotanical.com 215-438-7533

GARDEN STRUCTURES

GREENHOUSE AND CONSERVATORY DESIGN & CONSTRUCTION

Custom Aluminum or Wood 35 Years' Experience Call Robert J. LaRouche at Glass Enclosures Unlimited 610-687-2444

GREEN TECHNOLOGIES

Rainwater Harvesting Systems

Capture • Filter • Reuse
Please visit our website to learn more
www.YourPond.com

Cedar Run Landscapes 1-800-Landscape

HARDSCAPING

HERITAGE STONE & MARBLE

We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.

FLAGSTONE, BRICK-patios and walkways, COBBLESTONE-edging and paving, STONE walls, RETAINING walls, MARBLE, GRANITE-floors, walls, countertops.

215-699-5611

Upper Gwynedd, PA

PATIOS & WALKWAYS

Flagstone - Pavers - Brick
Robert J. Kleinberg
Landscape Design & Construction
610-259-6106
See our work online
100's of pictures at
WWW.KLEINBERG.COM

LANDSCAPE DESIGN

ARTICHOKE DESIGN LLC

Sustainable Design, Custom Plans Garden, Fire-Pit, Pavilion, Deck, Patios Design Consultation, Construction Plans **Kirsten Puskar**, ASLA 215-646-4418

BURKE BROTHERS LANDSCAPE DESIGN/BUILD

Nationally-recognized designs. Experienced staff ensures the integrity of the design from concept to completion.

burkebrothers.com 215-887-1773 610-520-2025

David Brothers Landscape Services

Native Plant Nursery
Architects, Builders and Nurserymen
Providing the Fine Art of Garden Construction
and Landscape Restoration

215-247-2992

992 610-584-1550 www.davidbrothers.com

LINDA CORSON LANDSCAPE DESIGN

- Consulting
 - Plans
- Supervision

Registered Landscape ArchitectMember ASLA 215-247-5619

McGLADE & SON LANDSCAPING

Services we've offered since 1943:

- Year Round Property & Garden Care
- New Garden Design & Installation
 - Landscape Renovations
- Container Gardens & Window Boxes

Elegant Landscapes & Timeless Gardens Begin With Us. 610-642-6299 Gladwyne, PA www.mcgladelandscaping.com

MULCH

BALED PINE NEEDLE MULCH

Pick up/Delivery/Spreading service Cedar Run Landscapes Call for brochure 1-800-LANDSCAPE

www.CedarRunLandscapes.com

FLOWERS AND MORE, INC.

Garden Design, Installation & Maintenance
PINE-NEEDLE MULCH
Wholesale and Retail

610-701-9283

renee52@comcast.net

NURSERIES

RARE & UNUSUAL PLANTS

- Specimen plants Pond plants Bonsai
 - Orchids Hardy cacti Tropicals
- Sculptured trees and shrubs
 Perennials
 Unique Flower and gift shop.

MUTSCHLERS' FLORIST & RARE PLANTS 1-800-242-9438

www.mutschlers.com

Triple Oaks Nursery & Herb Garden

• Great Plants • Display Gardens • Programs • Franklinville, New Jersey www.tripleoaks.com 856-694-4272 greatplants@tripleoaks.com

OTHER

ADIRONDACK OUTDOOR FURNITURE

Created with 1" thick Western Red Cedar Member PA Guild of Craftsmen Leisure Woodworks LLC

WWW.LEISUREWOODWORKS.COM 484-832-1848

WATER GARDENING

BULLFROG PONDS

An Award Winning Custom Water Features
Company

Design • Build • Seasonal Maintenance And Restoration of: Fountains, Water Gardens, Koi Ponds,

> & Natural Swimming Ponds 610-642-7052 Gladwyne, PA www.bullfrogponds.com

The Gardener's Bookshelf



Chanticleer: A Pleasure Garden

Text by Adrian Higgins; photos by Rob Cardillo

(Penn Press, \$29.95)

Located in Philadelphia's Main Line, Chanticleer is a 47-acre gardening and artistic marvel, delighting the senses of individuals for decades. Editor Adrian Higgins and photographer Rob Cardillo spent two growing seasons at the gardens, crafting this book as a testament to the work of its original developer, Adolph Rosengarten Jr., and to those horticulturists, planters, and board members who have continued to uphold Adolph's vision.

Highlighting an entire year's worth of gardening, growing, and tending, this book chronicles how Higgins and Cardillo came to "know Chanticleer Garden far more deeply, not just in its horticultural topography, but in the way that it changed from month to month, even week to week." The book further reveals the garden's hidden intimate trails and meditation grounds, while showcasing the elegance of the many ponds, bridges, and streams.

—Geraldine Koenia

Vertical Gardening



Text and photos by Derek Fell

(Rodale, \$23.99)

Vertical gardening is pretty hot these days, and Derek Fell is on the case. Here, you will learn about all kinds of growing systems, including

trellises, arbors, pergolas, fences, walls, and more. Derek provides information on flowers, veggies, and fruit, and how growing vertically can increase yield in small spaces. The author also notes how vertical gardening can help your plants become "less prone to insects, diseases, and animal pests." The book also features 200 photos, many in color, of Fell's own vertical methods.

-Pete Prown

WEST LAUREL HILL CEMETERY **BRINGHURST FUNERAL HOME**

Providing Green Burial and Funeral Offerings



- No embalming, no outer burial containers required, all-wood or natural caskets or shrouds used
- Green funerals allow families to be part of many, if not all, aspects of the funeral process
- Bringhurst and West Laurel Hill are the only funeral home/cemetery combination in the Mid-Atlantic region to offer both green burials and funeral services

WEST LAUREL HILL CEMETERY

BRINGHURST FUNERAL HOME

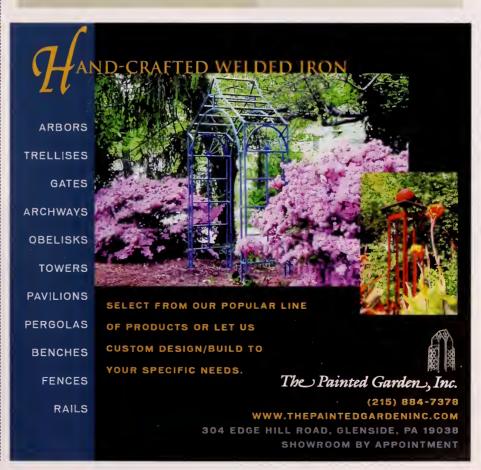
One Call To One Place - For Everything

225 Belmont Avenue, Bala Cynwyd, PA 19004

610.664.1591

contactus@forever-care.com www.forever-care.com

William A. Sickel, F.D. Supervisor, R.R. Bringhurst & Co. Inc.





By Jane Carroll

culptor Stacy Levy is often called an "environmental artist" because her work weaves art and science together to reveal the natural world around us. But she is also on a mission to change the way art intersects with our lives. "I think art can make people aware of something, but let's take it a step further and make art that can actually change things," she says.

Recently Levy created an installation that will help change the Delaware Riverfront for the better. It's part of a new park called Washington Avenue Green. Administered by the Delaware River Waterfront Corporation, the site began its life as City Pier 53 but had sat unused for years. The idea for the new park was to remove the concrete barrier, allow better access to the river, and restore riverside vegetation to naturally filter out toxins and pollutants from water entering the river.

Working closely with the design firm Biohabitats, Levy came up with an artful solution called "decay gardens." Holes were drilled through concrete and troughs cut into the asphalt, and then plants were inserted through the holes in the hardscape. Their winding pattern is based on the local watershed, which includes a long-buried tributary called Hell's Creek. Over time, the plants and their root systems, along with the freeze-thaw cycle of water, will break down the concrete and asphalt.

"You could spend the entire project budget just removing the concrete," explains Levy, "or you could let time and the power of plant life and water do the work for you."

Washington Avenue Green also features native woodlands and meadows, as well as "floating wetlands," which help cleanse the tidal shallows that are home to over 20 species of spawning migratory fish. A bike trail along the riverfront will link the park to the planned East Coast Greenway stretching along the northeastern seaboard.

Prior to construction, PHS formed a project advisory committee and engaged people from the surrounding city neighborhoods in hands-on educational workshops for the park. It also helped form a volunteer friends group of local residents to help create programming. Levy worked with local citizens when tracing the path of the missing Hell's Creek.

Says Levy, "I look for sites that give me the opportunity to bring the patterns and processes of the natural world into the built environment."

Visit stacylevy.com for photographs and more information about her work





Ask for your 5-YEAR WARRANTY

on your TREES & SHRUBS

'ARTICIPANT MERCHANTS

WAYS THE GARDEN

1S PHILADELPHIA PIKE

LMINGTON DE 19809

12,798,6030

WW.ALWAYSTHEGARDEN.COM

TEWAY GARDEN CENTER

77 LANCASTER AVE

CKESSIN DE 19707

2.239.2727

NW GATEWAYGARDENS COM

LONIAL GARDENS

S SCHUYKILL RD

IOENIXVILLE PA 19460

0.948.9755

NW COLONIAL GARDENSPA COM

IAVELY'S GARDEN CORNER

06 LONCOLN WAY EAST

AMBERSBURG PA 17202

7.352.2224

WW.SNAVELYS.NET

NTERLOO GARDENS

O NORTH WITFORD ROAD

TON PA 19341

0.363.0800

VW.WATERLOOGARDENS.COM

WATERLOO GARDENS

136 LANCASTER AVE

DEVON PA 19333

610.293.0800

WWW.WATERLOOGARDENS.COM

MAIN LINE GARDENS

MALVERN PA 19355

610 644 2300

MANAGARDENS COM

GARDNER'S LANDSCAPE AND NURSERY

S3S EAST UWCHLAN AVE

CHESTER SPRINGS PA 1942S

610 363 5455

WWW.GARDNERSLANDSCAPENURSERY.COM

RP NURSERIES

649 UNIONVILLE ROAD

KENNET SQUARE PA 19348

610.444.1116

WWW.RPNURSERIES.COM

MICHAEL PETRIE'S HANDMADE GARDENS

320 WEST UWCHLAN AVE

DOWNINGTOWN PA 1933S

610.505.8262

WWW HANDMADEGARDENS NET

PUGHTOWN AGWAY GARDEN CENTER

819 PUGHTOWN ROAD & RT 100

SPRING CITY PA 1947S

610 496 6688

WWW.PUGHTOWNAGWAY.COM

DANIEL'S LAWN AND GARDEN CENTER

14S7 SUMNEYTOWN PIKE

HARLEYSVILLE PA 19438

610 287 9144

WWW.DANIELSLAWNANDGARDEN.COM

SNAVELY'S GARDEN CORNER

19719 LEITERSBURGPIKE

HAGERSTOWN MD 21740

301 739 3622

WWW.SNAVELYS.NET





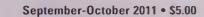
MINIO WIN 1 of the 10 gift certificates of CONFEST CONFEST



Contest runs from March 1 to October 31, 2011 Details and rules available at

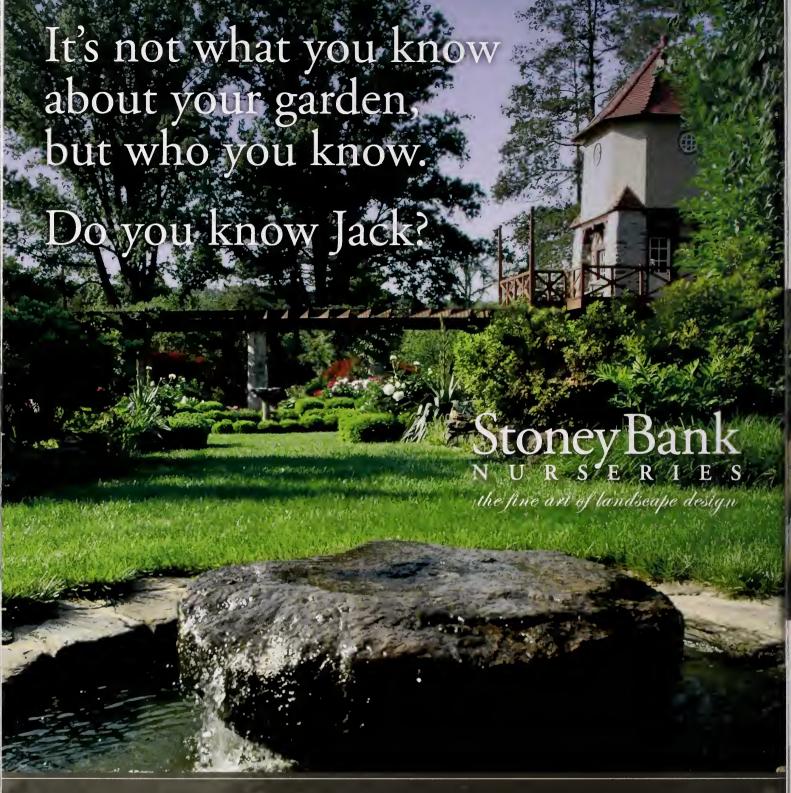
USEMYKE.COM





The Artisan Goat Cheese Rustic Furniture

Backyard Eggs New Life for Antiques



Our award winning designers (*including Jack*) are transforming landscapes... creating native, contemporary and romantic gardens where dreams are realized through horticultural craftsmanship and innovative design.

visit us online at stoneybanknurseries.com A Complete Design-Build Company

Just call to meet Jack and Joe. ph610-459-5100 | 61 Stoney Bank Road | Glen Mills, PA 19342



BARTLETT. BECAUSE FULL, HEALTHY TREES MAKE FOR FULL, HEALTHY LIVES.









The trees and shrubs that shade us and grow along with us are valuable assets that deserve care and protection. For over 100 years, we've led both the science and services that make your landscape thrive. No matter the size or scope of your tree and shrub care needs, our experts provide you with a rare mix of local service, global resources and innovative practices. Trees add so much value to our lives.

And Bartlett adds even more value to your trees.



For the life of your trees.



Look Carefully! Choose Stability and Value!

Look carefully at retirement communities that call themselves "Continuing Care."

To help you do that, we have created a Comparison Book that will help you to make a well-informed decision and to understand better why Cathedral Village has earned its fine reputation.

Care and Services . . . Physical and Financial Security . . . and the Best Value for your Monthly Fee. Our management and staff have a national reputation for job retention and career longevity. The value of their experience and stability cannot be underestimated or matched!

~ For More Information ~
We Invite You to Visit...Question...and Compare!
Hours are Monday through Friday from 9AM to 3PM.
Appointments are Required for Weekends.



600 E. Cathedral Road Philadelphia, PA 19128 215-984-8621 www.cathedralvillage.com

Cathedral Village





A Nonprofit,
Nondenominational CCRC
Accredited Since 1984
Affiliated With
the Jefferson Health System



THE McLEAN LIBRARY
Pennsylvania Horticultural Society
100 North 20th St.
Philadelphia, PA 19103-----







Potting Shed

- 8 Glamorous Birdhouses
- 10 Sumptuous Sausage
- 11 Green Scene Readers on Facebook

Features

12 Goat Cheese Bliss

Join us on a visit to Yellow Springs Farm, where owners Al and Catherine Renzi turn their herd's milk into magical, creamy goat cheese.

16 From Trash to Treasure

Young Philadelphians Walter and Margaux Kent repurpose old relics into modern objects for the home and garden. Let's take a look at their local antiquarian alchemy.

22 Rustic Rebel

Meet David Hughes, a Bucks County artisan who gathers wood from invasive trees and sculpts it into amazing rustic furniture.

26 Gold Standards

Discover the winners of the 2012 PHS Gold Medal Plant Awards. From trees to shrubs, this year's crop of victors will look great in your backyard.



Columns

- **32 The Sustainable Gardener**A Passion for Pawpaw
- 34 Floral Design
 The Standing Bouquet
- 37 Books in the McLean Library
- 38 Local Hero

Bailey Hale makes the case for backyard chickens



Apple iPad edition of *Green Scene* is here!

Now take Green Scene with you wherever you go with your iPad!

Along with the e-version of *Green Scene* that members can access on their computers, PHS will now offer an **Apple iPad version** of the magazine in brilliant color! When each issue is published, all qualifying members will receive an email containing links to each version.

As a further step, you can help us save the planet and reduce our printing bill by contacting us to **opt out** of the paper version of *Green Scene*. Just send an email to *memserv@pennhort.org* and we'll take care of the rest.

Artisans in the Garden

In the pages of *Green Scene*, we usually talk about plants and gardeners, but this time around, we wanted to focus on people who *make* things, often using materials from their gardens or landscapes. This is all the more prevalent in this era of sustainability and local food, when many of us are trying to re-connect with the natural resources that surround us, be it a piece of wood or a chicken happily clucking in the yard.

One such artisan is Christina Maser, who makes locally sourced, organic goodies, from herb-scented soaps and candles to salsa, mustard, and vinaigrette for the table. We discovered



Christina's delights, notably her simply delicious fruit jams, at Meadowbrook Farm, the PHS-owned garden center in Abington Township, PA.



"We support nearby farms, so 90 percent of the fruit we use for our jams comes from local Lancaster County farmers," says Christina, whose company is based in Lancaster (christinamaser.com). "We get all of our peaches from the Althouse Farm,

all of our red raspberries from Mr. Levi Stoltzfus, and all of our strawberries from Mr. Aaron King Jr. No matter what we're looking for, from jars to wicks, we always look local first. It just makes the most sense.

"Most of our jam varieties, however, are created based on what fruit I have on hand at the time," she continues. "For example, when Peach Basil was created it was because I had an abundance of both peaches and basil and didn't want either to go to waste. It turned out to be an incredible combination. Blueberry Lime happened the first time I attempted to make blueberry jam. I already had the berries in the pot and realized I didn't have any lemons or lemon juice, but I did have a few limes. Blueberry Lime is our number-one selling jam, hands down. Sometimes great creations happen based on an overabundance of something from the garden."

Christina's inspiring story is but one of many such tales in our region. In the following pages, you'll read about other creative folks doing amazing things, often using natural materials or found objects right at their fingertips.

Now it's your turn: Do you know any gardeners or artisans who are making interesting, natural products? If so, visit the PHS Facebook page and let us know about their talents!

Pete Prown

email: greenscene@pennhort.org

Retirement Living at Waverly Heights

Share your dream of the ideal retirement lifestyle, and Waverly Heights will bring it to life

Chances are you have a vision of how you'd like your retirement to look and feel. We believe you should have your way. So, we've spent twenty-five years fine-tuning our services to put the retirement lifestyle you seek within easy reach. We have the residence, the chef, the housekeeper, the programs director, the trainer...and a long list of other superb professionals and resources happily in place. We're just waiting for you to give us the chance to deliver.

Visit soon to tell us all that you have in mind.





1400 Waverly Road, Gladwyne, PA 19035-1296 Tel: 610.645.8764 Fax: 610.645.8611 www.waverlyheightsltd.org A nonprofit, non-sectarian lifecare community





INFORMATION

215-988-8800, phsonline.org

MEMBERSHIP

215-988-8776, memserv@pennhort.org

FLOWER SHOW

215-988-8899, theflowershow.com

McLEAN LIBRARY

215-988-8772, mcleanlibrary@pennhort.org

YOUR GARDENING QUESTIONS

Our online database: pennhort.libanswers.com

EVENTS & WORKSHOPS

Visit PHSonline.org and click on "Calendar"

STREET ADDRESS

The Pennsylvania Horticultural Society 100 N 20th Street, 5th floor Philadelphia, PA 19103

PHS SOCIAL MEDIA







Editor

Pete Prown

Senior Editor

Jane Carroll

Display & Classified Ads

Manzo Media Group 610-527-7047

mmanzo@manzomediagroup.com

Art/Design

Baxendells' Graphic

Printer

ALCOM Printing Group, Inc.

Chair

John K. Ball

President

Drew Becher

Vice President, Programs

Maitreyi Roy

GREEN SCENE (USPS 955580),
Volume 39, No.5, is published bi-monthly
(January, March, May, July, September, November) by
the Pennsylvania Horticultural Society,
a nonprofit member organization at
100 N. 20th St.,
Philadelphia, PA 19103-1495.
Single Copy \$5.00

(plus \$2.00 shipping). Second-class postage paid at Philadelphia, PA 19103.

POSTMASTER: Send address change to GREEN SCENE

100 N. 20th St., Philadelphia, PA 19103. © 2011 Pennsylvania Horticultural Society







Peper from responsible source



Dig deeper...

be enchanted. be delighted. be inspired.

Wednesdays at Winterthur

11:30 am, Greenhouses

Join us for demonstrations, talks, and guided walks covering a wide range of gardening topics. Programs last approximately one hour. **

September 7
September 14
September 21
September 21
September 28
October 5
October 12
October 19
September 29
Entertaining in Elegance
The Secrets of Azalea Propagation Revealed
Succession of Field to Forest
An Arrangement of Autumn
The Purple and Red of Sycamore Hill
A Harvest-Time Hike
Scenic Fields and Woods by Hay Wagon

Be Inspired: Fall and Winter Container Ideas

Second Saturdays Garden Walks

October 26

1:00 pm, Visitor Center

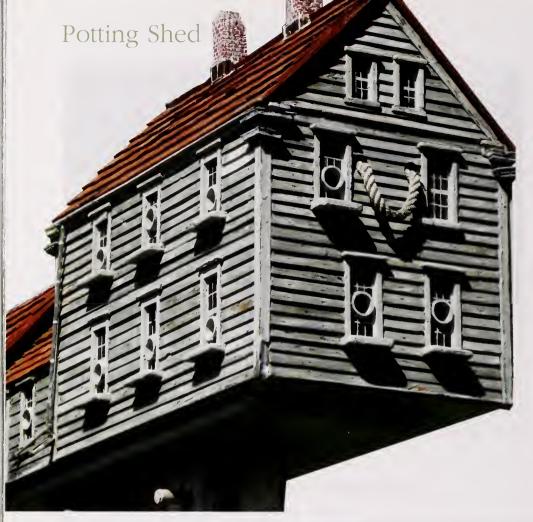
Learn fascinating, little-known details about the estate with our expert horticulture staff. Walks last approximately 90 minutes. **

September 10 Garden Architecture and Water Features October 8 Autumn Color, Flowers, and Fruits

For more information call 800.448.3883 or visit winterthur.org.

† Included with admission. ‡ Members free.

Winterthur is nestled in Delaware's beautiful Brandywine Valley on Route 52, between I-95 and Route I.



Mansions for the Discriminating

By Ilene Sternberg

Bird

ooking for an august aviary to attract upscale birds? Then you might Thomas Burke, builder of fine bird homes it would be a slight to call his mini-mansions mere "birdhouses."

A native Delawarean, Burke has spent much of his life immersing himself in the art, culture, and ambiance of the Delaware Valley, especially Chadds Ford and vicinity. After 25 years constructing custom homes for humans with his father, recycling weathered lumber from dismantled

farm buildings and crafting "Barn Again Furniture," about 12 years ago he began fabricating pole-mounted replicas of clients' homes and historic edifices. Inspired also by the paintings of the Down East Maine and Brandywine Valley houses of Andrew Wyeth, Burke has made his mark building abodes for discriminating birds.

From his dusty nest in the basement of a 15-story Delaware Avenue condo in Wilmington, Tom typically fashions a Styrofoam model, then uses 3/4-inch plywood detailed with materials that best match the house he wants to depict. This might include cedar shake roofs, turrets, stucco facing, concrete to duplicate stone or paint to resemble brick, ladders, Dutch doors, diverted rain spouts, or other pertinent elements.

"Purple martins love to live in condominiums," says Burke, "so their homes tend to be multiplexes." Depending on the complexity and size, a few of Tom's McMansions weigh 400 pounds or so and are priced at more than \$9,000. Burke, 5 feet 10 inches tall, says, "I could lie down in some of them."

Burke is not a birder, nor are most of his customers. "They enjoy the birds, but they're mostly into their houses," he says. Nevertheless, his exclusive estates attract a wealth of sophisticated roosting residents who recognize that an ultra-fancy bird dwelling-even one that sells for \$500 and up—is still one tweet deal, especially now, when housing loans for birds are currently at an all-time low.





A native Delawarean. Burke has spent much of his life immersing himself in the art, culture, and ambiance of the Delaware Valley, especially Chadds Ford and vicinity.

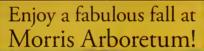


"Although I do mostly commissions of houses inspired by people's homes, I can do other projects," he says.

You can see examples of Burke's works in the Delaware Art Museum, the Rockford Map Gallery, and Rags to Riches, as well as in your own backyard, if you're so inclined.

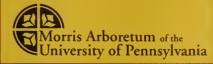
Who knows? You may even lure a firebird, a thunderbird, or a Philadelphia Eagle to move into your classy castle. •

For more information, visit tfburkebirdhomes.com or call 302-654-5550.





- **→ Oct 1 Oct 16:** Scarecrow Walk
- **≫ Oct 2:** Fall Festival
- **≫ Oct 23:** Mill Day at Springfield Mill
- Sept 23: Yards Brewery Beer Tasting
- * Sept Dec: Fall course offerings
- * All Fall: Go Out on a Limb for fall color from 50 feet up.



Details at www.morrisarboretum.org 100 E. Northwestern Ave. • Philadelphia • 19118



primex IS Growing

Primex has always been committed to bringing you great plants and plant advice. We're also delighted to be growing into an outstanding resource committed to building and strengthening a better, greener community. We've got a lot planned this fall, including a new line up of community events and programs, so stay tuned and remember to find us on the web at primexgardencenter.com!

come grow with us!



Independent owned and operated by the Green family, serving the Glenside Community SINCE 1943



435 West Glenside Ave. Glenside • 215-887-7500

www.primexgardencenter.com



Sweet Stem's Sausage Penne Pasta

Sweet Stem Farm is a small farm in Lititz, PA, right in the heart of Pennsylvania Dutch country. The farmers raise beef cattle, lamb, and pork using sustainable and humane methods, and produce some tasty meat along the way. Here's a recipe for their favorite penne pasta dish.

Serves 4

Ingredients:

- 1/2 lb. Sweet Stem Farm Italian Rosemary & Garlic Sausage
- olive oil
- 1 tsp. fresh rosemary, chopped
- 1-1/2 cups fresh tomatoes, chopped
- sea salt and black pepper (to taste)
- 1/2 lb. penne pasta
- 1 cup heavy cream
- fresh parsley, chopped

- 1) Slice sausage into thin rounds and brown on both sides with a little olive oil.
- 2) Add rosemary and tomatoes. Season with salt and pepper. Allow the tomatoes to simmer moderately for 10 minutes or until they have broken down. Add a little water if necessary to keep the contents of the pan moist.
- 3) Cook pasta until nearly al dente.
- 4) When the pasta is almost ready, raise the heat on the sauce, add cream and reduce it until thickened slightly.
- 5) Drain the pasta and add it to the pan with the sauce. Toss with a little chopped parsley and serve immediately.

Learn more at *sweetstemfarm.com* or call 717-733-4279.





Save the Date: 2011 PHS Fall Garden Festival

Autumn is a fabulous time to plant and plan new projects for the garden, and the PHS Fall Garden Festival will get you inspired. The Festival offers a variety of September 24, Philadelphia Navy Yard 10 am - 4 pm Admission and Parking are Free

activities, including workshops, music, shopping, children's activities, and tours of the Navy Yard. Bring your PHS membership card to take advantage of the PHS Annual Plant Dividend. All activities are free and open to the public, so please invite your family, friends, and neighbors. The Navy Yard is conveniently located just off I-95. Visit *PHSonline.org* for directions and event details.





facebook

Gardeners Sound Off Online

On PHS's Facebook and Twitter pages, we asked visitors how their gardens reflect their own personalities. Here are some of their clever responses:

CAROLYN

"Shade loving, low-maintenance, looks good in purple and deep reds!"

DONNA

"My outdoor garden has a mix of all different design styles. I also like to mix it all up and keep evolving, like my garden."

ANTOINETTE MARIE

"I tend three community gardens, and the gardens I work in reflect me by showing my community involvement. My personal yard reflects me in that I finally get a space where I can dictate exactly how it looks. I have potato vines, eucalyptus trees, herbs, and more growing in a beautiful raised bed that my fiancé built, which take your eyes away from the oh-so-prevalent South Philly cement slabs."

ELIZABETH

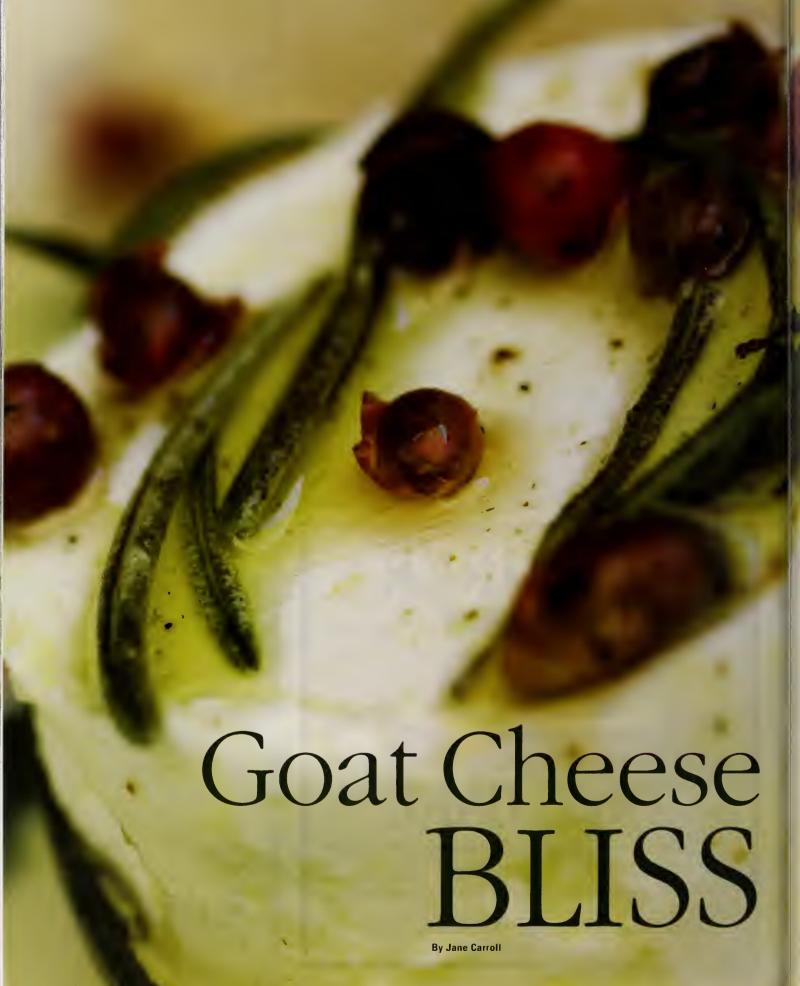
"I can't recycle my age, but I can recycle plants! I grow from seeds given out at the Flower Show, and then I compost and deadhead. So I am not a deadbeat!"

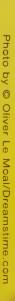
AMELIA

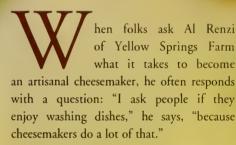
"My Philadelphia row home has a small postage-stamp front yard garden filled with mostly shade-loving native perennials. I welcome spring with some cheerful bulbs and keep it neat, but overall, it is very low-maintenance. The garden reflects my fairly structured and consistent approach, while allowing for some spontaneity and creativity."

FIA

"My garden is disorganized, messy, and hardworking ... hmm, sounds like someone I know." •







Making excellent cheese—and making it safely-requires a meticulousness that many people would find daunting. There are other challenges as well, such as getting up at three in the morning to feed baby goats, keeping up with the fluctuating prices of hay and goat

> feed, and confronting the daily grind of back-breaking labor.

Those unglamorous details, however, fade into the background when one tastes the end result: a piece of creamy goat cheese that has been washed in red wine, wrapped in a sycamore leaf, and aged for up to two months. This earthy Yellow Springs Farm creation, called "Red Leaf," earned a top prize from the American Cheese Society in 2010, and for good reason—it's sublime.

Renzi and his wife, Catherine, got into the artisanal goat cheese business gradually. They purchased their eight-acre property about 10 years ago and started a native plant nursery and garden consulting business. The plant nursery is still thriving; the goats came later.

"We received two Nubian goats from a friend six years ago," Al explains. "We both love to cook and we started making cheeses for ourselves and to share with family and friends. Then people started saying, 'You should do this.'

Yellow Springs Farm

Located in Chester County, Yellow Springs Farm, with its house and out-buildings, is a remnant of a larger dairy farm that existed on this spot 150 years ago. "We wanted to do something that respected the history of the place," says Al. The site is too small now to support dairy cows, but goats presented an attractive option. The Yellow Springs herd now includes 50 adorable goats with long, soft ears—and yes, each one has a name.

THE ART OF THE CURD

Breeding happens in October. When the goats become pregnant, milk production drops, bringing the cheese-making to a full stop in December. Once the kids are born, the Renzis let them nurse on their mothers for a few days, afterwards feeding them organic cow's milk from a local farm. Adult goats eat organic grains and local hay.

With a background in microbiology, Al is well suited to the painstaking task of making cheese. (Catherine handles marketing and is the main driver of the nursery end of the business.) The process begins with gentle heating and stirring of the goat's milk in a large stainless steel tub over many hours to release the liquid whey. As the separation begins, the soft curds are cut with a long knife. Next, the curds are strained and placed into molds lined with cheese cloth. Flavorings are added at this point, and the cheese is placed in a cool cellar—actually it looks more like a walk-in refrigerator—and left to age for up to two months.

Al makes traditional soft goat cheeses, known as *chèvre*, as well as hard cheeses. The more whey extracted from the cheese, the firmer it will be. He also makes an extremely delicious goat's milk caramel sauce.

While the Renzis sell cheese at farmers markets, online, and to a few restaurants, their primary outlet is the Yellow Springs Farm CSA (community supported agriculture). Customers purchase subscriptions at the beginning of the season and receive three selections of cheese per month. "We like having that direct connection with our customers," says Al.

FROM GARDEN TO PLATE

Al likes to flavor the cheeses using plants and trees grown on the property—to make the cheese, as he says, "of the place."

"We try to connect all the dots on the farm," Al explains. "Flowers, herbs, bark, and leaves from our plants go into the cheeses."

For example, the Renzis harvest young green nuts from black walnut trees on the property to make *nocino*, an Italian liqueur. The "must" (leftover fermented nuts) goes into another award-winning cheese called "Nutcracker." "I like finding a positive use for the black walnut," says Renzi. (Gardeners dislike the tree because its roots produce a toxin that can kill other plants.)

Such creative use of what is right at hand sets Yellows Springs Farm's products apart, and that's the way Al and Catherine like it. Says Al, "We like to charge ahead without fear, and that approach has helped us create cheese that is truly unique."







You can visit Yellow Springs
Farm (yellowspringsfarm.com)
during its fall open house on
September 9th, 10th and 11th,
or by calling ahead to make an
appointment.













from rabbits and small critters.

NEW! Plantskydd® Granular

Rabbits and Small Critter Repellent

Sprinkle *Plantskydd* throughout your garden. It couldn't be easier! Available as 1 lb., 3 lb., 7 lb., and 20 lb.



#1 Most Effective
#1 Longest Lasting ORGAN

#1 Most Tested



Plantskydd® Deer Repellent

Repels deer, elk, and rabbits. Available as Ready-to-Use Spray (1 qt.) or Jug (1.32 gal) and Soluble Powder Concentrate (1 lb., 2.2 lb. and 22 lb.).



For our **DEALER LOCATOR**, FAQs, testimonials and *independent research results, visit our website:

www.plantskydd.com

CALLTOLL FREE 1-800-252-6051

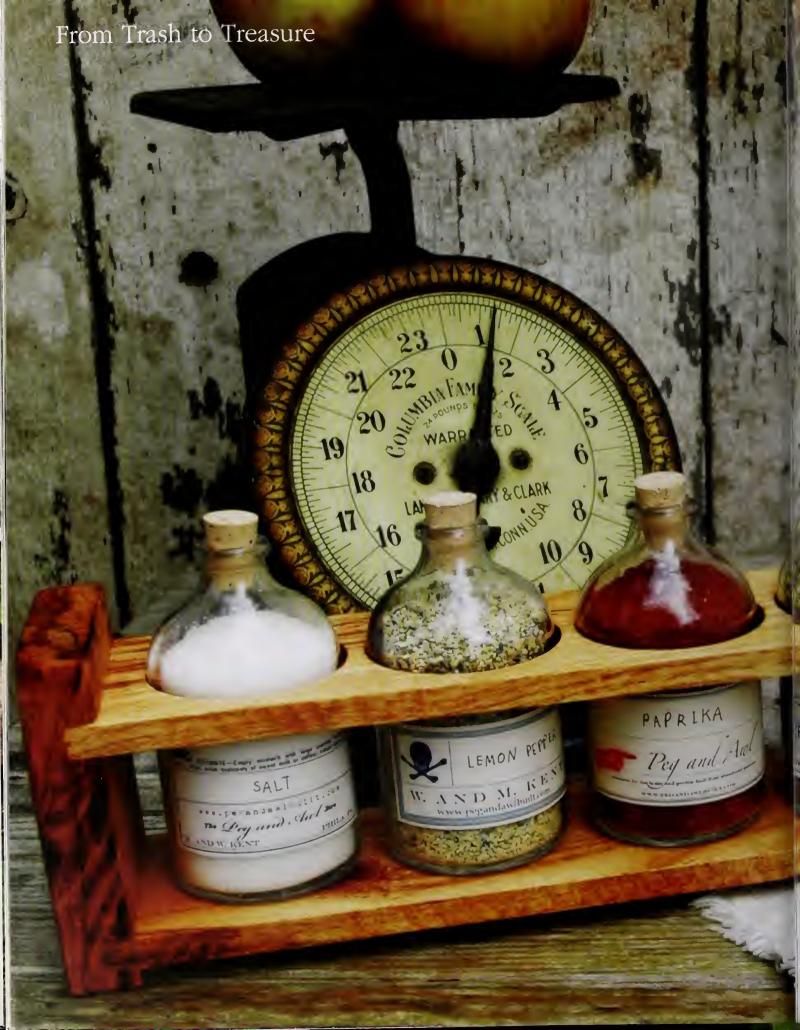


By Diane Huskinson

Peg and Awl breathes new life into antique materials

FOR WALTER AND MARGAUX KENT,
SCAVENGING FOR SCRAPS OF LEATHER
FROM ANTIQUE CHAIRS OR FOR
WOODEN PLANKS FROM A
DILAPIDATED HARDWARE STORE
AND REPURPOSING THEM TO CREATE
SOMETHING NEW IS ALL
ABOUT TELLING A STORY.







We like things from the past, but we like them as they were affected by time.

-Margaux Kent

The husband-and-wife team has traveled everywhere from Italy to Amsterdam and throughout the United States in search of well-worn materials to bring back to their home-based studio in Philly's Fishtown neighborhood. Working in an 1800s and once-upon-a-time bootlegger's house, Margaux and Walter make handmade journals, jewelry, and products for the home and garden to sell under the name Peg and Awl. Shipping crates are transformed into a pair of bookends, and 200-year-old scrap wood becomes a set of garden stakes.

"We like things from the past, but we like them as they were affected by time," says Margaux. A new item that looks vintage won't do. That's not interesting, she says. By using reclaimed materials, the couple is sharing an old tale and at the same time adding a new chapter.

Their love of stories told through time-worn treasures is rooted in a deep appreciation of history. Margaux records her personal history through writing in her own handmade journals. She visits abandoned buildings for fun and deems few things, not even her grandmother's hankies, as worthy of trashing. Walter is the son of a woodworker and was home-schooled by his mother, who was his commander of Civil War reenactments and personal chaperone to historic sites.

The marks of history and hints of bygone days are evident in the antique, knotted



woods, the rich oils and stains, and the clean Shaker-like lines of Peg and Awl's handcrafted furniture, vase caddies, picture frames, garden boxes, and tree swings.

As much as Walter and Margaux are artists inspired by the past, they are equally practical. Nearly everything they make and sell serves some everyday need in the home and garden. Necessity is, as they say, the mother of invention, and it is what first gave life to Peg and Awl.

"Peg and Awl started when Margaux asked me for a tub caddy," says Walter. "She wanted to be able to sit in the tub and read and write in a journal," so he made her one out of oak taken from an old hardware store that is now his woodworking shop.

That human element is an important part of their work—from the carefully selected materials tenderly crafted into new items to the handwritten letterpress tags that accompany each sale. After all, a story is only as good as its characters make it.

To learn more about Peg and Awl, visit pegandawlbuilt.com. Diane Huskinson is editor of the award-winning magazine Pennsylvania Landscape & Nursery and a freelance writer and editor, specializing in horticulture, the green industry, and the environment.







Bring the special beauty of bulbs to your family's garden with over 750 varieties of the best Dutch flower bulbs and herbaceous peonies at the best prices. The simple act of planting plump bulbs on a sunny fall afternoon will bring your family year after year of gorgeous spring flowers. After all, what would Spring be without the easy magic of flower bulbs? If you love this planting duo, visit us at www.johnscheepers.com for The Birthday Garden Party Special or at www.vanengelen.com for The Opposites Attract Special.

Contact Van Engelen for our 52-page wholesale flower bulb price list or John Scheepers for our colorful 88-page Beauty from Bulbs catalog. Contact Kitchen Garden Seeds for our 60-page catalog with over 500 gourmet vegetable, herb and flower seeds. It has a wealth of practical gardening tips from Barbara Damrosch and wonderful recipes from renowned U.S. chefs.

John Scheepers

Phone: (860) 567-0838 www.johnscheepers.com



Kitchen Garden SeedsTM Phone: (860) 567-6086 www.kitchengardenseeds.com

Serving America's finest gardens since 1908.

PA22



NATIVE PLANT NURSERY & ARTISANAL GOAT CHEESE DAIRY



AWARD WINNING GOAT CHEESE

Now accepting Goat Cheese CSA renewals and sign-ups for 2012!

1165 Yellow Springs Road Chester Springs, PA 19425 610-827-2014

www.yellowspringsfarm.com

It's where you want to be.



A warm, welcoming community. An active, independent lifestyle. A comfortable, contemporary home right outside the city.

It's The Hill at Whitemarsh – and now is the time to make the right decision to protect your future. Call now to schedule a tour... consider your options... and let the fun begin!

The right place for you. Find it at The Hill at Whitemarsh.



The Hill at Whitemarsh, 4000 Fox Hound Drive, Lafavette Hill, PA 19444 Ph: 215-402-8725 Toll-free: 800-315-4103 www.TheHillAtWhitemarsh.org

Rustic Rebel

David Hughes turns invasive trees into functional furniture

by Laura Brandt photos by Pete Prown and Laura Brandt

ALTHOUGH DAVID HUGHES DESIGNS ECOLOGICAL LANDSCAPES, YOU MIGHT REFER TO HIM AS A LANDSCAPE ART-CHITECT. HUGHES, A DOYLESTOWN-BASED REGISTERED LANDSCAPE ARCHITECT AND OWNER OF WEATHERWOOD DESIGN, ALSO CREATES STUNNING RUSTIC FURNITURE, MUCH OF IT BUILT FROM THE WOOD OF INVASIVE TREES AND WOODY VINES.

Hughes grew up in Glenside, just north of Philadelphia.
"I come from a family of tradesmen. I have cousins who are stonemasons and one who is a blacksmith. My grandfather was a roofer who built or made whatever he needed, including an addition to his home. I began building things in high school. Then in college, I made a loft bed to save space in my dorm room." Hughes's cousins do most of the stonework for his landscape design clients.

The rustic furniture portion of his business took off about two

years ago, after Hughes attended a workshop with Daniel Mack in Warwick, NY. A respected authority on rustic furniture styles, Mack has written several books on the topic, including Making Rustic Furniture and Rustic Furniture Workshop. "Mack is a wonderful individual who is open and honest," says Hughes. "With his hands-on teaching style, he allows students to learn at their own pace in their own way."

Hughes spends part of his week working on garden design projects and part of it building furniture for various projects.

Sometimes the design work
generates the woodworking
projects. For example, for a recent
residential landscaping project,
the clients—whose property
includes a cedar glade—asked
him to create a fire pit terrace.
After that, they requested four
chairs to place around the fire.

"As the cedar forest matured, some of the trees were shaded out. I was able to harvest some dead Eastern red cedar timbers and use them for parts of the chairs." Hughes enjoys finding a connection like this to the





property or to the property owner. "When you build furniture from wood that was on the clients' property, they have a deeper stake in the project."

Hughes enjoys working with a variety of woods but has his preferences. "One of my favorites is sassafras wood," says Hughes. "It is lightweight in comparison to black locust. It's easy to work with and carve. It has some rot resistance, but not as much as black locust."

For outdoor pieces, he prefers to use cedar and black locust. Other useful woods include white mulberry (Morus alba) and Osage orange (Maclura pomifera).

"I use a lot of red cedar—it's plentiful and readily available, and others don't want it. While Eastern red cedar (Juniperus virginiana) is our native evergreen, people don't seem to want these trees on their property as much because they have an unkempt character."

Often Hughes finds himself working on sites where there are a considerable number of invasives that must be removed before installing a native plant garden. He salvages some of this material for furniture, rustic art pieces, garden screens, and other pieces.

"From the beginning of the native plant movement, invasive plants have been seen as bad and ugly things," says Hughes. "While invasives are degrading landscapes, it's a mistake to look at them as waste products. I like to look at them as by-products that can be used for another purpose. I think this is a healthier way to view the overall picture of the ecological movement."

Hughes reclaims invasives such as Norway maple, white

Rustic Rebel





David also makes small, whimsical "tabletop chairs."





mulberry, and Eurasian honeysuckle.

"My future vision is to have a property where I grow trees in a hedgerow style and crop out the oldest stems every few years," says Hughes. "By carefully selecting sections of several years of growth, the hedgerow replenishes itself. Europeans have been growing and rejuvenating hedgerows for hundreds of years for firewood and other purposes." He hopes to work with ironwood and a few other native species.

Hughes envisions a small farm complete with a barn to store and dry large quantities of wood. He also hopes to build a solar kiln to dry the wood and a solar sawmill to cut the wood. At age 43, Hughes has enough passion and energy to realize his dreams; it's only a matter of time.

When asked what advice he would give to those interested in woodworking or following their passion, he says, "Draw from your various life experiences in whatever you do. You don't have to have woodworking experience to start building furniture. But it helps to take some workshops in this area to learn from the masters of this craft.

"Ask yourself what you want to create in your own life," he continues. "My business has been an evolution, sort of a mix between the right and left brain. Part of the week I spend doing technical landscape-related drawings, while at other times I'm doing more hands-on work creating furniture. There's an artist in everyone—the question is: do you allow it to surface and tap into it, or do you let it pass by and wonder what might have been?"

You can see Hughes's woodworking pieces at Riverbank Arts in Stockton, NJ. In addition, he will be participating in this year's Doylestown Arts Festival on September 17 and 18

For more information:

weatherwooddesign.com danielmack.com doylestownartsfestival.com riverbankarts.com

At Beaumont, You Have the Freedom to Retire Exactly as You Choose.



"Beaumont's sound financial management and debt-free balance sheet means that we don't need to worry about unexpected issues in the future."

-A. Paier, resident

Discover superior elegance and service in a non-institutional retirement community owned and governed by residents. From exceptional dining and amenities, to on-site healthcare and facilities, Beaumont offers a unique, worry-free lifestyle. Arrange a personal visit by calling Audrey Walsh at 610-526-7004.



A Gracious, Resident-Owned Community



601 N. Ithan Avenue, Bryn Mawr, PA 19010 BeaumontRetirement.com





ince 1995 we've been designing and constructing premium small buildings suitable for garden, pool, utility, cottage, studio and home office applications. To date we have shipped over 1,500 buildings to discerning clients who value quality, authenticity and personalized service. Our original, copyrighted buildings are historically inspired. We offer a complete turnkey service from order placement and approval drawing to delivery and installation. Each building is fully assembled and finished in our workshop to your specifications including exterior/interior paint, options and pre-wire. Your building is ready to use and enjoy the day of delivery.

We ship from our Eastern PA workshop to 48 States.



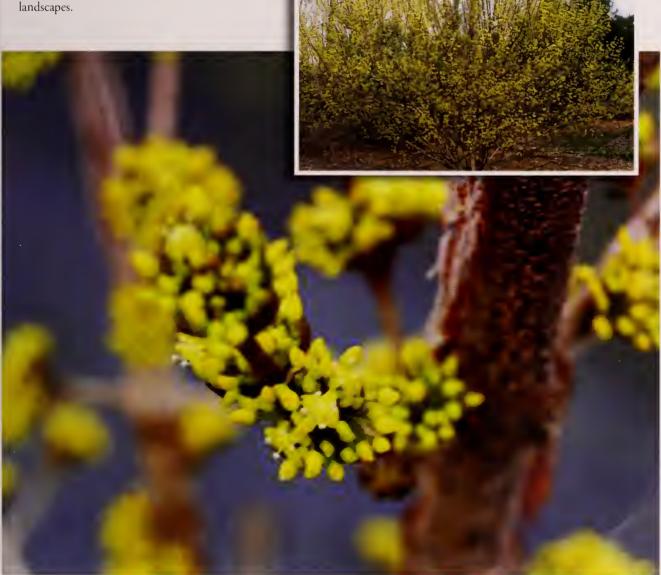
f Find us on Facebook

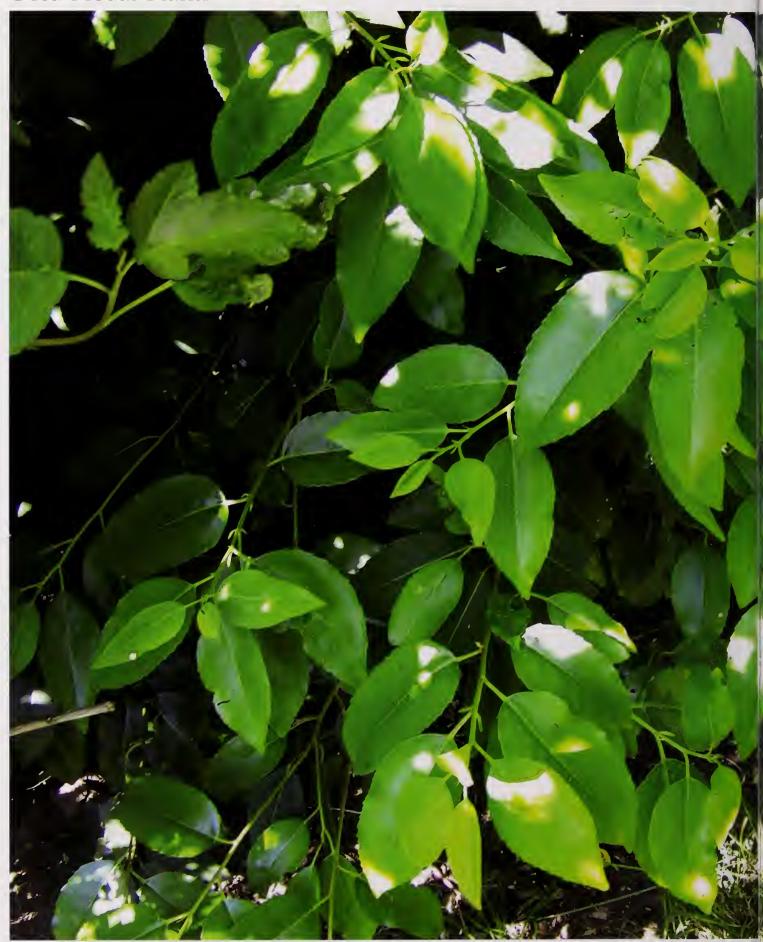
www.gardensheds.com • TOLL-Free: 877-SHEDS-11



Cercis canadensis The Rising SunTM is a standout among Eastern redbuds. Jim Thompson of Greenleaf Nursery says, "It's sure to brighten up your garden with golden heart-shaped foliage that lasts all summer long without burning," surpassing other gold-leaved redbuds. Its distinctive smooth, tan bark with a yellowish cast extends the peachy color into winter. Rosy-orchid sweet pea-type blossoms march along bare branches in early spring. Heat tolerance, drought resistance, and cold hardiness are other desirable attributes. A vigorous grower, 12 feet when mature, it is perfect for small in-town gardens or as an accent in larger

Cornus officinalis 'Kintoki' (Japanese Cornel Dogwood) blooms in March, two weeks earlier than Cornus mas. Heidi Hesselein, co-founder of Pleasant Run Nursery, says, "It's a great multi-season plant. Small brilliant yellow flowers cover the stems in March. This cultivar was originally chosen for the Japanese cut-flower trade because of the heavy flower production. The spring display is followed by bird-attracting bright red hanging fruit in early fall, and winter interest is provided by the multicolored exfoliated brown, orange, and tan bark." Fifteen feet high and equally wide, 'Kintoki' is smaller than the species and puts on a spectacular display in full sun or partial shade.







Prunus lusitanica, Portugal Laurel, a species of Mediterranean cherry, has been grown in England since Elizabethan times. Wild specimens can reach 50 feet, but cultivated trees or shrubs scarcely reach 30. Bright green leaves sprout on red stems. In May, profuse 5- to 10-inch racemes of small white flowers are followed by reddish-green fruits turning dark purple or black by autumn—for birds alone. Says Steve Mostardi of Mostardi Nursery, "It expands the palette of broad-leaved evergreens for our area, specifically in its adaptability to shade and poor soil conditions." It also resists a fungus that plagues many cherries. Caution: the leaves may be deer-browsed and will release cyanide into the air if burned; the berries are also toxic.

To learn more about PHS Gold Medal Plants, visit www.goldmedalplants.org



Gold Medal Plants





Viburnum × rhytidophylloides 'Dart's Duke', adaptable and easy, was selected for its impressive 8- to 10-inch creamy flower heads that attract butterflies in May and occasionally re-bloom in October; abundant bright red berries that turn black; and extra large, leathery dark green leaves. It grows 8 to 10 feet high and wide, tolerating full sun or shade. To produce the most berries, a pollinator of the same species (dentatum) and bloom time, but different variety, should be planted nearby. Heidi Hesselein also recommends this multi-season plant because its semi-evergreen "winter leaves don't droop and look 'depressed,' and best of all, it has proved to be deer-resistant in all but the worst deer-infested areas."

How to Achieve a Gold Medal Garden...



Start with **High Performance Plants** from Mostardi!

We stock flowers, shrubs and trees that are recommended by the Pennsylvania Horticultural Society's "Gold Medal Award" program. They are superior plants that will provide longer-lasting beauty all around your home. Stop by today and check out our incredible collection of greenery. The colors are gorgeous. The values are exceptional. And the prices are surprisingly low for such high quality. But then, that's what you should expect from Mostardi plants. They are good as gold!





THE BARTON ARBORETUM AND NATURE PRESERVE MEDFORD LEAS

Gardeners and Nature Lovers — You're Invited!

Spanning more than 200 acres, the Barton Arboretum offers visitors a unique blend of accessible public gardens, collections, and preserved natural areas set amidst Medford Leas' two campuses. Individuals and small groups are welcome to visit the Arboretum at no charge.

For more information on self-guided tours or to arrange dedicated tours and horticultural interest programming and events for your group, contact Jane Weston at 609-654-3007 or janeweston@medfordleas.org

> Visit our website calendar for our Arboretum and other public special programs/events.



WWW.MEDFORDLEAS.ORG

A nationally accredited, Quaker-related, not-for-profit community for those age 55+, with campuses in Medford and Lumberton, NJ.

Member: American Public Gardens Association • Greater Philadelphia Gardens · Garden State Gardens







ne bright fall day while shopping for fresh produce at the Lower Makefield Township Farmers Market, I saw a man selling unusual, incredibly large fruits that looked like mangoes. He invited shoppers to try the oblong-shaped fruits and offered growing information and recipes. He was selling both the fruits and tree seedlings. This was Larry Rossi, the "pawpaw man."

While many people have never heard of pawpaw, some may recall the refrain "Pickin' up pawpaws, put 'em in your pockets," from the folk song, *Way Down Yonder in the Pawpaw Patch*.

Pawpaw (Asimina triloba) is the largest edible native fruit of North America. Most people describe pawpaw as having a creamy, custardy texture and a mango-banana flavor, with citrus, melon, and pineapple notes.

Rossi has devoted the last 15 years to growing more than 700 pawpaw trees along the Neshaminy Creek near his Langhorne home. To grow this crop successfully, gardeners require patience, knowledge, and intellectual curiosity.

Just like these uncommon fruits, Rossi is an uncommon man with a singular passion.

PAWPAW GROWIN'AND PICKIN'

Rossi's orchard lies in a great spot near the creek with its deep, fertile floodplain soil. "I think you could grow pawpaws anywhere with good soil and good drainage," says Rossi. For maximum fruit production, you will need at least two different cultivars that receive at least a half day of sun.

In May the trees produce dark purplish red blossoms and give off a fetid scent that attracts flies and beetles, which pollinate the flowers. However, this process is highly weather-dependent. "Pawpaws are not an easy thing to grow; the farmer needs persistence," says Rossi. "Last year we had frost in May, which killed many of the blossoms. But some years I've had to thin the fruit out because too much fruit zaps energy from the trees."

Pawpaws grow in clusters like bananas.

While the fruit ripens during the month of September, it takes about a month for all the fruit to ripen on one tree.

Larry Rossi studies the fruit closely to guage ripeness. Because it is difficult to find ripe pawpaw clusters in the orchard, Rossi has to feel each individual fruit in each cluster to see if it has softened a bit: otherwise. the fruit could be rock hard.

"The fruits don't have a color break when they ripen, although they may turn slightly yellowish, but not bright yellow. Anything really yellow is too soft," he says.

PAWPAW FINDIN'

Besides your local farmers market, you may find pawpaws at arboretum plant sales or through mail-order sources. While the fruit is intriguing, you might simply want to grow this small native tree for its beautiful golden fall leaf color. As a bonus, you'll attract zebra swallowtail caterpillars that feed exclusively on pawpaw leaves.

Once you discover pawpaws, you'll want to try to grow them. This spring, I received a small tree seedling at a plant swap, and I can't wait to watch it grow!

Area resources for trees

Bowman's Hill Wildflower Preserve. New Hope, Fall Plant Sale Go Native Tree Farms, Manheim, PA

Mail-order tree nurseries

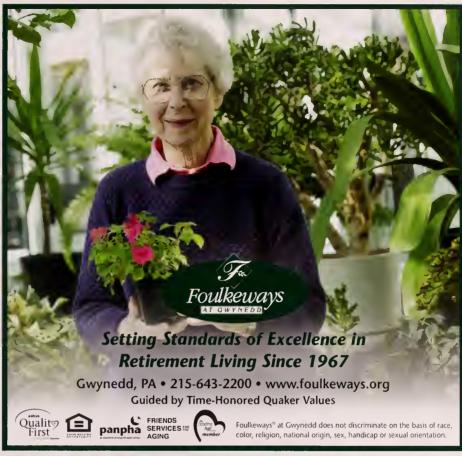
One Green World, OR Nolin River Nut Tree Nursery, KY Forrest Keeling Nursery, MO

Websites for more info

petersonpawpaws.com pawpaw.kysu.edu

Mail-order fruit

Heritage Foods USA Earthy Delights, MI





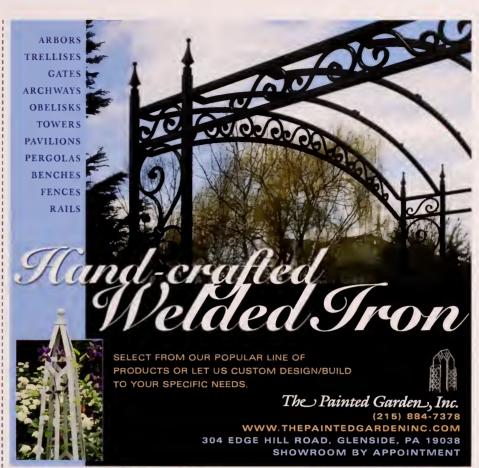




he standing bouquet is an innovative way to display flowers. Flower stems are tied to a branch structure for support. Tubes can be used to elevate stems for added height. The standing bouquet helps flowers last longer because they are in fresh water, and it is a good way to display delicate stems. When properly constructed, the arrangement is a free-standing piece and can be moved quite easily.

Flower stems can be placed in tubes for added height.







• Green funerals allow families to be part of many, if not all, aspects of the funeral process

· Bringhurst and West Laurel Hill are the only funeral home/cemetery combination in the

Mid-Atlantic region to offer both green

burials and funeral services

One Call To One Place - For Everything

225 Belmont Avenue, Bala Cynwyd, PA 19004 610.664.1591

contactus@forever-care.com

www.forever-care.com

Wilham A Sickel, FD, Supervisor, R.R. Bring, and & Co., In-

EDIBLE HORTICULTURE

Indian Orchards - 4th Generation Farm

Crisp Juicy Apples Concord Grapes, Raspberries & Pears Picked and PYO

24 Copes Lane, Media, PA 610-565-8387

FLORISTS

Sustainable Event Decorating

Garden arrangements-fresh local flowers Featuring unique artist made containers Corporate-private www.urbanbotanical.com Helen@urbanbotanical.com 215-438-7533

GARDEN STRUCTURES

GREENHOUSE AND CONSERVATORY DESIGN & CONSTRUCTION

Custom Aluminum or Wood 35 Years' Experience Call Robert J. LaRouche at Glass Enclosures Unlimited 610-687-2444

GREEN TECHNOLOGIES

Rainwater Harvesting Systems

Capture • Filter • Reuse
Please visit our website to learn more
www. YourPond.com

Cedar Run Landscapes 1-800-Landscape

HARDSCAPING

HERITAGE STONE & MARBLE

We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.

FLAGSTONE, BRICK-patios and walkways, COBBLESTONE-edging and paving, STONE walls, RETAINING walls, MARBLE, GRANITE-floors, walls, countertops.

215-699-5611

Upper Gwynedd, PA

PATIOS & WALKWAYS

Flagstone - Pavers - Brick
Robert J. Kleinberg
Landscape Design & Construction
610-259-6106
See our work online
100's of pictures at
WWW.KLEINBERG.COM

LANDSCAPE DESIGN

ARTICHOKE DESIGN LLC

Sustainable Design, Custom Plans Garden, Fire-Pit, Pavilion, Deck, Patios Design Consultation, Construction Plans **Kirsten Puskar**, ASLA 215-646-4418

BURKE BROTHERS LANDSCAPE DESIGN/BUILD

Nationally-recognized designs. Experienced staff ensures the integrity of the design from concept to completion.

burkebrothers.com 215-887-1773 610-520-2025

David Brothers Landscape Services Native Plant Nursery

Architects, Builders and Nurserymen
Providing the Fine Art of Garden Construction
and Landscape Restoration

215-247-2992

610-584-1550

www.davidbrothers.com

LINDA CORSON LANDSCAPE DESIGN

- Consulting
 - Plans
- Supervision

Registered Landscape Architect

Member ASLA

215-247-5619



MULCH

BALED PINE NEEDLE MULCH

Pick up/Delivery/Spreading service Cedar Run Landscapes Call for brochure 1-800-LANDSCAPE www.CedarRunLandscapes.com

FLOWERS AND MORE, INC.

Garden Design, Installation & Maintenance
PINE-NEEDLE MULCH
Wholesale and Retail

610-701-9283

renee52@comcast.net

NURSERIES

RARE & UNUSUAL PLANTS

- Specimen plants Pond plants Bonsai
 - Orchids Hardy cacti Tropicals
- Sculptured trees and shrubs
 Perennials
 Unique Flower and gift shop.

MUTSCHLERS' FLORIST & RARE PLANTS 1-800-242-9438

www.mutschlers.com

Triple Oaks Nursery & Herb Garden

Great Plants • Display Gardens • Programs •
 Franklinville, New Jersey
 www.tripleoaks.com
 856-694-4272
 greatplants@tripleoaks.com

PLANT SALE

David Culp Sells Unique Perennials October 8, 9:00 A.M. - 4:00 P.M.

Downingtown Friends Meeting

800 E. Lancaster Avenue, Downingtown, PA For more information call 610-942-3732

REAL ESTATE

GARDENER'S PARADISE FOR SALE

265 Colket Lane, Wayne, PA - Upper \$7's Approx. 1 acre exquisitely landscaped garden with spacious 6 bedroom home in pristine condition. 1st floor Master Suite. Located in desirable Main Line neighborhood. For photo's & details www.prufoxroach.com - MLS-5889596

Prudential Fox & Roach Realtors Barbara Wandersee - 610-651-2700 Cell: 610-716-0707



Books in the PHS McLean Library

Confessions of a Bad Beekeeper

by Bill Turnbull

(The Experiment, \$13.95)

The stated aim of this book is to demystify the beekeeping universe and help others avoid the author's foibles, which are recounted with plenty of self-deprecating humor. As a "bad beekeeper," Turnbull says, he's "managed to send three queens to their doom" and has been stung "more times and in more places" than he can recall.

Happily, though, this enjoyable read is full of "good beekeeper" information and fascinating details about bees, such as the fact that they dance to tell other bees where to find flowers, the source of the all-important nectar they turn into honey. That process, we also learn, involves a fair bit of regurgitation. "So the honey you eat," Turnbull writes, "has actually been through the mouths of a number of bees, and has been expectorated from one to another. Yum."



Tips for Container Gardening

by the Editors & Contributors of Fine Gardening (Taunton Press, \$19.95)

The folks at Fine Gardening magazine have put together a collection of tips and photographs on container gardening from gardeners and gardening experts all over the country. The ideas are presented in short, easy-to-grasp entries and range from the practical growing 100 pounds of potatoes in a barrel—to the dramatic—a mixed planting that features King Tut grass (Cyperus papyrus), which grows up to 6 feet tall.

As one might expect with a project of this sort, there's a range of quality, both in the pictures and the concepts, but the collection offers plenty of useful information, including clever tips on watering, maintenance, and over-wintering

-Jane Carroll







The Case for CHICKENS By Kirsten Kubiak Photo by Margaret

When people think of locally grown food, tomatoes and zucchini likely come to mind. But Center City resident Bailey Hale believes that Philadelphians should have the right to raise another valuable food source: egg-producing chickens.

Cities as varied as Dallas, Los Angeles, Chicago, Boston, and Baltimore all accommodate chicken ownership, but it is technically illegal in Philadelphia. Hale, who grew up on a farm and recently tried his hand at raising chickens (but ran "a-fowl" of the law), sees this restriction as old-fashioned and misinformed. "I like to think that for every chicken that people raise on their own, there is one more factory chicken without a job," he says.

There can be no denying that the eggs of home-grown chickens are of a superior class. "Local eggs are fresher than those that are shipped and sit on supermarket shelves," says Hale, "and there's a comfort in knowing the chickens responsible for them are well cared for."

Hale, co-owner of the floral design company MODA botanica (a Philadelphia International Flower Show exhibitor), remains hopeful: "The food movement in Philadelphia has come a long way, and I've found more support for local, urban farmers lately. Perhaps someday soon, inner-city chickens and their tasty, affordable eggs can find a home here, too."

Learn more about Bailey's floral design work at modabotanica.com.

CURRENT APS MEMOIRS

Astronomy in the Maya Codices Harvey M. Bricker and Victoria R. Bricker Vol. 265 - \$75 • Cloth ISBN: 978-0-87169-265-8

Peter Collinson and the **Eighteenth-Century** Natural History Exchange Jean O'Neill and Elizabeth P. McLean Vol. 264 - \$75.00 • Cloth ISBN: 978-0-87169-264-1

Visual Mechanic Knowledge: The Workshop Drawings of Isaac Ebenezer Markham (1795-1825), New England Textile Mechanic David J. Jeremy and Polly C. Darnell Vol. 263 - \$60 • Paper ISBN: 978-0-87169-263-4

POLAR HAYES: The Life and Contributions of Isaac Israel Hayes, M.D. Douglas W. Wamsley Vol. 262 - \$75.00 • Cloth ISBN: 978-0-87169-262-7

Patriot-Improvers, Volume III Whitfield J. Bell and Charles Griefenstein Vol. 228 - \$60.00 • Cloth ISBN: 978-0-87169-228-3

Volume One (1997) -- \$40 Volume Two (1999) -- \$40 Volume Three (2010) -- \$60 Three-volume set -- \$125

CURRENT APS TRANSACTIONS

The Bookrunner: A History of Inter-American Relations-Print, Politics, and Commerce in the United States and Mexico, 1800-1830 Nancy Vogeley

Vol. 101, Part 1 - \$35 • Paper ISBN: 978-1-60618-011-2

Johann Schöner's Globe of 1515: Transcription and Study Chet Van Duzer Vol. 100, Part 5 - \$35 • Paper ISBN: 978-1-60618-005-1

The Ground Sloth Megalonyx (Xenarthra: Megalonychidae) from the Pleistocene (Late Irvingtonian) Camelot Local Fauna, Dorchester County, South Carolina Steven E. Fields Vol. 100, Part 4 - \$35 • Paper ISBN: 978-1-60618-004-4

Alhacen on Refraction: A Critical Edition, with English Translation and Commentary, of Book 7 of Alhacen's De Aspectibus. the Medieval Latin Version of Ibn al-Haytham's Kitāb al-Manāzir A. Mark Smith Vol. 100, Pt. 3 -- \$35 each; \$50 set • Paper ISBN: 978-1-60618-003-7 ISBN: 978-1-60618-006-8

2010 J.F. LEWIS AWARD WINNER

Learning Greek in Western Europe, 1396-1529: Grammars, Lexica, and Classroom Texts Paul Botley Vol. 100, Pt. 2 - \$35 • Paper ISBN: 978-1-60618-002-0

Sporting with the Classics: The Latin Poetry of William Dillingham Estelle Haan Vol. 100, Pt. 1 - \$35 • Paper ISBN: 978-1-60618-001-3

Playing with Fire: Histories ofthe Lightning Rod Peter Heering, Oliver Hochadel, David J. Rhees (editors) Vol. 99. Pt. 5 - \$35.00 • Paper ISBN: 978-1-60618-995-5

Magnetic Fever: Global Imperialism and Empiricism in the Nineteenth Century Christopher Carter

Vol. 99, Pt. 4 - \$35.00 • Paper ISBN: 978-1-60618-994-8

Choosing Selection: The Revival of Natural Selection in Anglo-American Evolutionary Biology, 1930-1970 Stephen G. Brush Vol. 99, Pt. 3 - \$35 • Paper ISBN: 978-1-60618-993-1

2009 J. F. LEWIS **AWARD WINNER**

THE MOST IMPORTANT **CLOCK IN AMERICA:** The David Rittenhouse Astronomical Musical Clock at Drexel University Ronald R. Hoppes Vol. 99, Pt. 2 - \$35 • Paper ISBN: 978-1-60618-992-4

Descended From Darwin: Insights into the History of **Evolutionary Studies**, 1900-1970 Joe Cain and Michael Ruse (editors) Vol. 99, Pt. 1 - \$35 • Paper ISBN: 978-1-60618-991-7

The Invention of the Telescope Albert van Helden Vol. 67, Pt. 4 - \$30 • Paper Original print date 1977; reprinted 2008 ISBN-10: 0-87169-674-6 ISBN-13: 978-0-87169-674-8

LIGHTNING ROD PRESS TITLES

CLIMATE CRISES IN HUMAN HISTORY A. Bruce Mainwaring, Robert Giegengack, and Claudio Vita-Finzi (eds.) Vol. 6 - \$35 • Paper ISBN: 978-60618-921-4

Darwin's Disciple: George John Romanes. A Life in Letters Joel S. Schwartz **VOLUME 5 \$60 • Paper** ISBN: 978-1-60618-920-7

"TO DO JUSTICE TO HIM & MYSELF":Evert Wendell's Account Book of the Fur Trade with Indians in Albany, New York, 1695-1726 Edited and Translated by Kees-Jan Waterman with linguistic information by Gunther Michelson VOLUME 4 \$50.00 • Paper ISBN: 978-1-60618-912-2



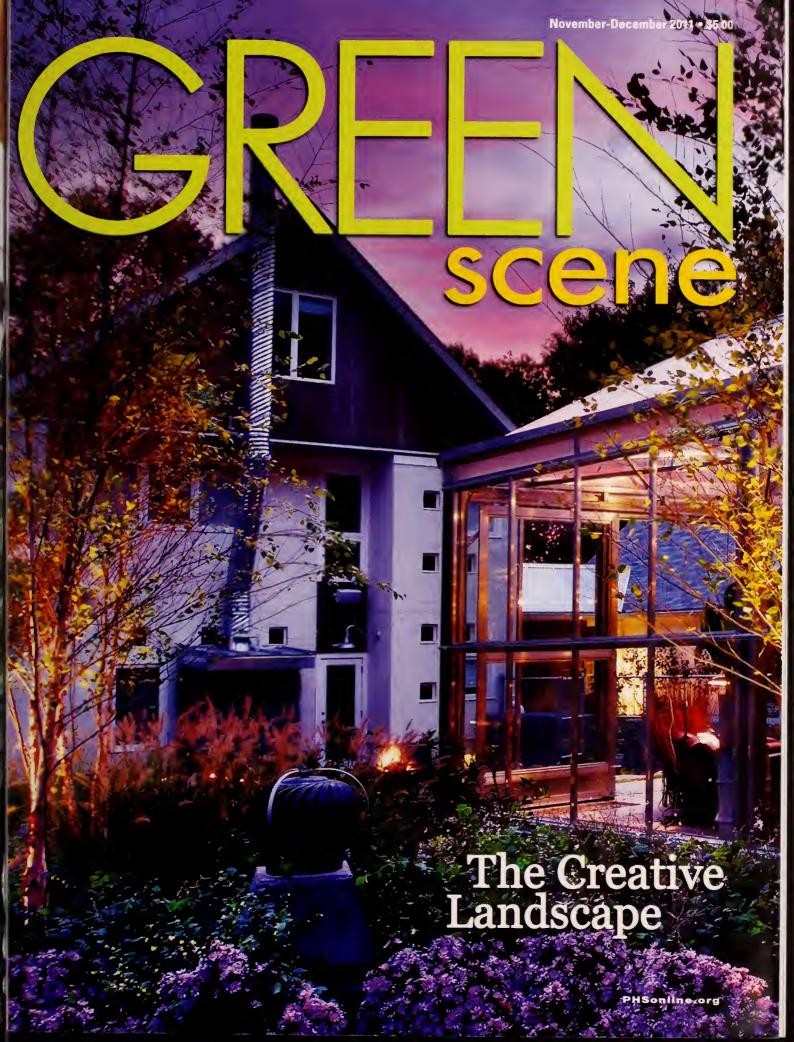
AMERICAN PHILOSOPHICAL SOCIETY

104 South Fifth Street Philadelphia, PA 19106-3387 (Tel) 215-440-3425 (Fax) 215-440-3450

BOOK ORDERS: Please contact our fulfillment service-Diane Publishing Co., P.O. Box 617, Darby, PA 19023 (phone 800-782-3833; fax 610-461-6130). Online orders may be sent to orders@dianepublishing. net. See our website for recent catalogs and backlist: www.aps-pub.com.



© 2011, The Scotts Company LLC. World rights reserved.



CURRENT APS MEMOIRS

Astronomy in the Mava Codices Harvey M. Bricker and Victoria R. Bricker Vol. 265 - \$75 • Cloth

ISBN: 978-0-87169-265-8 2011 J.F. LEWIS AWARD

WINNER

Peter Collinson and the **Eighteenth-Century** Natural History Exchange Jean O'Neill and Elizabeth P. McLean Vol. 264 - \$75 • Cloth ISBN: 978-0-87169-264-1

Visual Mechanic Knowledge: The Workshop Drawings of Isaac Ebenezer Markham (1795-1825), New England Textile Mechanic David J. Jeremy and Polly C. Darnell Vol. 263 - \$60 • Paper ISBN: 978-0-87169-263-4

POLAR HAYES: The Life and Contributions of Isaac Israel Hayes, M.D. Douglas W. Wamsley Vol. 262 - \$75 • Cloth ISBN: 978-0-87169-262-7

Patriot-Improvers, Volume III Whitfield J. Bell and Charles Griefenstein Vol. 228 - \$60 • Cloth ISBN: 978-0-87169-228-3

Volume One (1997) -- \$40 Volume Two (1999) -- \$40 Volume Three (2010) -- \$60 Three-volume set -- \$125

CURRENT APS TRANSACTIONS

Treason on Trial in Revolutionary Pennsylvania: The Case of John Roberts. David W. Maxey Vol. 101, Part 2 - \$35 • Paper ISBN: 978-1-60618-102-9

The Bookrunner: A History of Inter-American Relations-Print, Politics, and Commerce in the United States and Mexico, 1800-1830 Nancy Vogeley Vol. 101, Part 1 - \$35 • Paper

Johann Schöner's Globe of 1515: Transcription and Study Chet Van Duzer

ISBN: 978-1-60618-011-2

Vol. 100, Part 5 - \$35 • Paper ISBN: 978-1-60618-005-1

The Ground Sloth Megalonyx (Xenarthra: Megalonychidae) from the Pleistocene (Late Irvingtonian) Camelot Local Fauna, Dorchester County. South Carolina Steven E. Fields Vol. 100, Part 4 - \$35 • Paper ISBN: 978-1-60618-004-4

Alhacen on Refraction: A Critical Edition, with English Translation and Commentary, of Book 7 of Alhacen's De Aspectibus, the Medieval Latin Version of Ibn al-Havtham's Kitãb al-Manãzir A. Mark Smith

Vol. 100. Pt. 3 -- \$35 each: \$50 set • Paper ISBN: 978-1-60618-003-7 ISBN: 978-1-60618-006-8

2010 J.F. LEWIS AWARD WINNER

Learning Greek in Western Europe, 1396-1529: Grammars, Lexica, and Classroom Texts Vol. 100, Pt. 2 - \$35 • Paper ISBN: 978-1-60618-002-0

Sporting with the Classics: The Latin Poetry of William Dillingham Estelle Haan

Vol. 100, Pt. 1 - \$35 • Paper ISBN: 978-1-60618-001-3

Plaving with Fire: Histories of the Lightning Rod Peter Heering, Oliver Hochadel, David J. Rhees (editors) Vol. 99, Pt. 5 - \$35 • Paper ISBN: 978-1-60618-995-5

Magnetic Fever: Global Imperialism and Empiricism in the Nineteenth Century Christopher Carter

Vol. 99, Pt. 4 - \$35 • Paper ISBN: 978-1-60618-994-8

Choosing Selection: The Revival of Natural Selection in Anglo-American **Evolutionary Biology,** 1930-1970 Stephen G. Brush Vol. 99, Pt. 3 - \$35 • Paper ISBN: 978-1-60618-993-1

2009 J. F. LEWIS **AWARD WINNER**

THE MOST IMPORTANT **CLOCK IN AMERICA:** The David Rittenhouse Astronomical Musical Clock at Drexel University Ronald R. Hoppes Vol. 99, Pt. 2 - \$35 • Paper ISBN: 978-1-60618-992-4

Descended From Darwin: Insights into the History of Evolutionary Studies, 1900-1970 Joe Cain and Michael Ruse (editors) Vol. 99, Pt. 1 - \$35 • Paper ISBN: 978-1-60618-991-7

LIGHTNING ROO PRESS TITLES

The Life of C.S. Rafinesque. A Man of Uncommon Zeal Charles Boewe Vol. 7 - \$50 • Paper ISBN: 978-1-60618-922-1

CLIMATE CRISES IN **HUMAN HISTORY** A. Bruce Mainwaring, Robert Giegengack, and Claudio Vita-Finzi (eds.) Vol. 6 - \$35 • Paper ISBN: 978-60618-921-4

Darwin's Disciple: George John Romanes, A Life in Letters Joel S. Schwartz VOLUME 5 \$60 • Paper ISBN: 978-1-60618-920-7

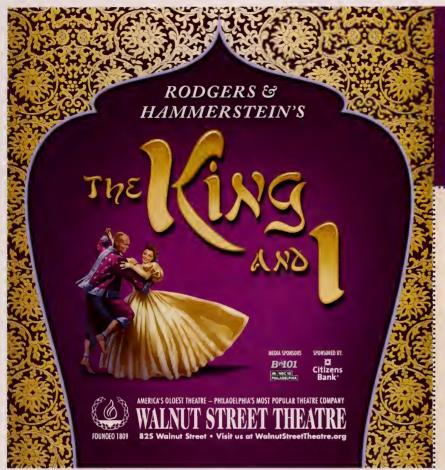
"TO DO JUSTICE TO HIM & MYSELF":Evert Wendell's Account Book of the Fur Trade with Indians in Albany, New York, 1695-1726 Edited and Translated by Kees-Jan Waterman with linguistic information by Gunther Michelson VOLUME 4 \$50 • Paper ISBN: 978-1-60618-912-2



AMERICAN PHILOSOPHICAL SOCIETY

104 South Fifth Street Philadelphia, PA 19106-3387 (Tel) 215-440-3425 (Fax) 215-440-3450

BOOK ORDERS: Please contact our fulfillment service-Diane Publishing Co., P.O. Box 617, Darby, PA 19023 (phone 800-782-3833; fax 610-461-6130). Online orders may be sent to orders@dianepublishing. net. See our website for recent catalogs and backlist: www.aps-pub.com.



NOV. 8 - JAN. 8

FOR TICKETS VISIT: WalnutStreetTheatre.org or ticketmaster OR CALL 215-574-3550 800-982-2787

ENTER TO WIN TWO VIP TICKETS!

Fill out the entry form completely and mail to: The King and I - GS Contest, Walnut Street Theatre, 825 Walnut St., Philadelphia PA 19107

AOORESS

CITY/STATE/ZIF

PHONE

E-MAIL

All entries must be postmarked by December 1, 2011. Winners will be notified by phone. No purchase necessary to enter. No ticket refunds or exchanges.

It's where you want to be.



A warm, welcoming community. An active, independent lifestyle. A comfortable, contemporary home right outside the city.

It's The Hill at Whitemarsh – and now is the time to make the right decision to protect your future. Call now to schedule a tour... consider your options... and let the fun begin!

The right place for you. Find it at The Hill at Whitemarsh.



The Hill at Whitemarsh, 4000 Fox Hound Drive, Lafayette Hill, PA 19444 Ph: 215-402-8725 Toll-free: 800-315-4103 www.TheHillAtWhitemarsh.org

room to bloom



Need a little dirt under your fingernails?

The Horticulture Center at Cathedral Village is just the place to pursue your passion for gardening and provides room to bloom all year long.

Call today for a brochure and tour.

215.984.8621 855.769.6942 (toll free)

We take our gardening seriously, but have a little fun along the way.

> A premiere continuing care retirement community

Cathedral Village

600 East Cathedral Road Philadelphia, PA 19128 www.cathedralvillage.com







Nondenominational CCRC Accredited Since 1984 Affiliated with the Jefferson Health System

CONTENTS

POTTING SHED

- 8 Retro Plants Make a Comeback
- 9 A Sweet Tooth and a Green Thumb
- 10 Garden Clubs Demystified

FEATURES

12 Fall in Love with Fall

Anne Raver offers a paean to the autumn garden and tells us how to keep enjoying its bounty and beauty long after summer is over.

20 Meet the King of Cactus

For award-winning Flower Show exhibitor Dr. Gerald Barad, a childhood interest in horticulture turned into a lifelong passion for succulent plants.

What Makes a Great Garden Designer?

David Fierabend, owner of Groundswell Design Group, thinks the best landscape designs involve a bit of theater.

COLUMNS

- **34** Floral Design Artful Anthuriums
- 37 Books in the McLean Library
 A New Guide to
 Sustainable Gardening
- 38 Local Hero
 The editors of Organic Gardening

bring composting advice to the *e*-reader.

THE McLEAN LIBRARY
Pennsylvania Horticultural Society
100 North 20th St.
Philadelphia, PA 19103

12

20









Now take Green Scene with you wherever you go with your iPad!

Along with the e-version of *Green Scene* that members can access on their computers, PHS will now offer an **Apple iPad version** of the magazine in brilliant color! When each issue is published, all qualifying members will receive an email containing links to each version.

Exciting Days at the PHS McLean Library

here are cool things happening in PHS's McLean Library, and I thought I'd share a few of them with you. Located at PHS headquarters at 20th and Arch streets in Center City Philadelphia, the library is currently hosting its first plant exhibition, Strange Beauties, which will celebrate the amazing world of succulent plants. Dozens of entrancing specimens are on display from October 31 until December 2, when we will have a special plant sale (stay tuned to PHSonline.org for more details). Most of the plants were grown at Meadowbrook Farm in Abington, PA, long known as a source for great succulents.

We will be staging more plant exhibitions in the future, reviving the tradition of smaller plant shows that the Pennsylvania Horticultural Society held in the nineteenth and early twentieth centuries.

educational activities at PHS, from classes and trainings to book groups and plant society meetings. If you or your plant society is interested in having a meeting for your members or becoming involved with the McLean Library, please send me an email at pprown@pennhort.org. We'd love to hear from you.

Of course, the McLean Library is still a great place to relax and browse through our inimitable collection of 15,000 gardening books, or use the free Wi-Fi to surf for gardening information online (check out the gardening and greening Subject Guides, which are "best of" horticultural resources compiled by the library staff). Our expert volunteers can also help you with your gardening questions, either in person, by phone, or online. This year, these volunteers and library staff answered over 2,000 questions on everything from "What tree should I plant in my yard" to "What were the Flower Show themes of the past eight years?"

To learn more about the library and find assistance, visit our website and click on "All About Gardening." In the library's online catalog you'll find links to digital versions of historic gardening books from our collection, which you can view on your computer or Kindle.

So please come downtown and visit the McLean Library—it's also the new home for Green Scene offices-or look in PHS News (and on the PHS website calendar, PHSonline.org) for the latest classes and events. There's always something happening here these days, plus we're within easy walking distance of many other museums and cultural institutions in the city. We hope to see you in the library soon!



greenscene@pennhort.org





INFORMATION

215-988-8800, phsonline.org

MEMBERSHIP

215-988-8776, memserv@pennhort.org

FLOWER SHOW

215-988-8899, theflowershow.com

McLEAN LIBRARY

215-988-8772, mcleanlibrary@pennhort.org

YOUR GARDENING OUESTIONS

Our online database: pennhort.libanswers.com

EVENTS & WORKSHOPS

Visit PHSonline.org and click on "Calendar"

STREET ADDRESS

The Pennsylvania Horticultural Society 100 N. 20th Street, 5th floor Philadelphia, PA 19103

PHS SOCIAL MEDIA









Edito

Pete Prown

Senior Editor

Jane Carroll

Display & Classified Ads

Manzo Media Group 610-527-7047

mmanzo@manzomediagroup.com

Art/Design

Baxendells' Graphic

Printer

ALCOM Printing Group, Inc.

Chair

John K Ball

President

Drew Becher

Vice President, Programs

Maitreyi Roy

GREEN SCENE (USPS 955580),
Volume 39, No.6, is published br-monthly
(January, March, May, July, September, November) by
the Pennsylvania Horticultural Society,
a nonprofit member organization at
100 N 20th St.

Philadelphia, PA 19103-1495 Single Copy: \$5.00

(plus \$2.00 shipping). Second-class postage paid at

Philadelphia, PA 19103. **POSTMASTER:** Send address change to GREEN SCENE

100 N. 20th St., Philadelphia, PA 19103.
© 2011 Pennsylvania Horticultural Society









You are invited to join **Dr. Dan Gottlieb**, host of WHYY's "Voices in the Family," as he leads a panel discussion on



"Moving into Retirement" from both your and your family's perspectives. When is the right time, how do you prepare, and where do you turn for help?

Saturday December 3rd at Beaumont 12:00 noon light lunch, 1:00 p.m. panel discussion and audience Q&A, 2:30 p.m. casual mix and mingle.

Seating is limited - register today by contacting
Audrey Walsh at 610-526-7004 or awalsh@BeaumontRetirement.com.
For more information and directions to Beaumont, please
visit www.BeaumontRetirement.com.



A Gracious, Resident-Owned Community



601 N. Ithan Avenue, Bryn Mawr, PA 19010 BeaumontRetirement.com



Potting Shed

That Plant

By Hene Sternberg

ust as funky, '70s-style clothing is experiencing a fashion revival, so too are houseplants of that era. It's not so much about nostalgia as it is about busy twenty-first-century people who don't have time to fuss with finicky flora, and most old favorites are resilient and easy to maintain.

Succulents, such as the jade plant (*Crassula ovata*) are back in favor because they require little watering and have a nice sculptural feel. Also born again are *Aeonium*, *Dudleya*, *Echeveria*, and cacti. Fig trees (*Ficus*) belong to a genus of about 850 species of woody trees, shrubs, vines, epiphytes, and hemiepiphytes, some of

which are succulent and so can also "hold their water."
The rubber plant (*F. elastica*) has big leaves and loves sunny spaces, but also adapts to low-light situations. Also perfect for the novice is the snake plant (*Sansevieria* spp.), sometimes called "mother-in-law's tongue" because of its bladelike leaves. It takes moderate to bright light and comes in some very attractive forms.

Among non-succulents, dumbcane (Dieffenbachia) is also called "mother-in-law's tongue" because of its toxicity. (Consider this if you have small children, pets, or an inquisitive motherin-law.) The umbrella tree (Schefflera actinophylla), another popular evergreen plant, will probably never bloom in your living room, but in its native Australian and Javan habitats, it produces remarkable spikes of up to 1,000 flowers that supply nectar for honey-eating birds. The fruits attract other birds and animals.

Philodendron (*Philodendron*) is a genus consisting of 900 or more species with leaves of various sizes and shapes. You probably still have some of these from the '70s, because they almost never die. If "houseplanticide" is one of your vices, equally hard to kill is pothos, a.k.a. devil's ivy

(*Epipremnum aureum*). Pothos retains better foliage markings in brighter light.

Then there's the spider plant (*Chlorophytum comosum*), fondly known in the feline world as "delicious handy snack." Even though folks usually grow these in hanging planters, they fail to realize that determined cats can jump pretty high. And don't forget the terrarium. These miniature gardens are interesting to cultivate and easy to manage, and a lidded glass or plastic container makes it pet-safe.

Indoor plants purify the air, filter noise, lower blood pressure, and bring life and color to your décor. A fragrant kitchen herb garden can improve your cooking. Feng Shui advocates say plants can bring harmony to your home. So, don your bellbottoms and tie-dye shirt, pop a Barry Manilow LP on the hi-fi, fall into your comfy beanbag chair, wriggle your toes in the shag carpeting, and have a groovy time with your "new" houseplants. 📣

Do you own a cool '70s plant you'd like to share? Take a photo and post it on PHS's Facebook page!





In Search of Orchids: PHS Goes to the Amazon! April 9 - 18, 2012

PHS offers a once-in-alifetime opportunity to travel to Peru to search for orchids and to experience the fascinating scenery and history of the Amazon Basin. We will visit Cusco, Lima, and the sacred city of Machu Picchu. The group will stay at a hotel that features the world's largest native orchid garden, where 15 species of hummingbirds and 108 species of butterflies are frequent visitors.

Info: 215-988-8775 or *ckleiber@pennhort.org*



An Oh-So-Sweet Garden

At home, a pastry chef turns to horticulture By Daniel Moise • Photography by Pete Prown

I homas Heck has a totally sweet gig. He's the head pastry chef at Davio's, the popular Northern Italian steakhouse in Center City Philadelphia. But after a long day whipping up sumptuous dishes of panacotta, tiramisu, and chocolate soufflé, he heads straight for the garden. "For me, gardening is the ultimate de-stresser," Thomas notes. "It's quiet and calming, unlike the crowded, fast-paced kitchen at a top restaurant."

In his relaxing garden just north of Philadelphia, one finds a viburnum that Thomas bought at Meadowbrook Farm, the PHS nursery in Abington Township, PA. His property also features specimen trees, including the PHS Gold Medal-winning paperbark maple (Acer griseum) and hibiscus. Thomas also uses plants from the garden in his restaurant desserts: "I like to use herbs when possible, especially rosemary, lemon thyme, and lemon verbena. I've even used hot chili peppers. Any of these can offer a great twist on classic desserts."



Thomas Heck's Herhed Crème Brûlée

- 2 cups heavy cream
- 2 cups whole milk
- garden herbs
- 3-1/2 oz sugar
- 10 egg yolks
- 1 vanilla bean

Pour the cream into a medium saucepan, scrape the seeds from the vanilla bean into the cream, and add the vanilla pod. Add a few sprigs of herbs. (I use cuttings from my own garden, such as rosemary, lavender, lemon verbena.



Pastry chef Thomas Heck uses fresh garden herbs in Davio's signature desserts.

orange mint, hibiscus, or rose hips.) Place over medium heat until small bubbles form around the edges of the pan. Remove from the heat and let cool for 30 minutes.

Whisk sugar and egg yolks together, add infused cream, blend together well, and then strain.

Preheat oven to 275 degrees. Place six standard-size flan dishes (or ramekins) in a baking pan. Divide the custard mixture among the dishes. Pour warm water into the pan until it reaches halfway up the sides of the dishes. Bake in the oven for 25 to 30 minutes or until the center of each custard slightly jiggles. Remove from oven and, using tongs, lift the dishes from the hot water. Let cool briefly and refrigerate for at least two hours.

When ready to serve, sprinkle 1 tablespoon of granulated sugar over each custard. Using a hand-held torch, caramelize the sugar. Garnish with a sprig of the herb you used. 🗪



READY to Join a Garden Club?









By Denise Cowie

HUNDREDS OF THOUSANDS OF GARDENERS IN AMERICA ARE MEMBERS OF GARDEN CLUBS—THOUSANDS OF GARDEN CLUBS—ALL OVER THE COUNTRY.

What's the appeal? Among the uninitiated, there's a perception that the clubs are merely a social outlet for middle-aged women with little to do "who like to fool around with flowers," as one garden club member wryly observed.

The reality is quite different. The idea that clubs are full of blue-haired ladies who don't work "is absolutely wrong," says Gene Dilks, a lawyer and a member of the Garden Club of Philadelphia. "We have doctors and lawyers and professionals, young and old, who are bound together by an interest in things horticultural or environmental."

"There is a social aspect," says Margaret Leone, president of Haddonfield Garden Club, the oldest garden club in New Jersey, "but it's the education and community service components that are dominant."

In the Greater Philadelphia Region, club members who exhibit and volunteer are a mainstay of the Philadelphia International Flower Show. "There are about 120 clubs we know about in the area," says Betty Greene, committee coordinator for PHS. "Easily 75 percent of these clubs are involved, and many hundreds of club members are active in the Flower Show."

For some clubs, the Show is the reason for their existence. It's why the independent Men's Garden Club of Philadelphia was launched about 20 years ago, says charter member Michael Petrie, owner of the Landscape Design Company Handmade Gardens, "We try to get involved with the Azalea Garden and things like that, but the real purpose is to put an exhibit in the Flower Show." Petrie is one of a core group of designers at the club, which has won many awards over the years. Members choose a design at a summer barbecue meeting, set a schedule at a dinner meeting, and then work through the winter to get the exhibit done. "It's not a club you join if you want to study horticulture, but because it's a fun thing to do," Petrie adds. "But we are serious about the exhibit."

From the beginning, garden clubs have been interested in community service, often on a broad scale. Almost a century ago, a group of women got together in Philadelphia one spring day to form a national organization "to stimulate the knowledge and love of gardening among amateurs ... and to encourage civic planting." The women, who represented a dozen previously independent garden clubs in seven states, called their new organization the Garden Club of America, and included among their objectives "to aid in the protection of native plants and

birds"—thus anticipating by many decades today's concern for native plants.

At the local level, too, helping others through horticulture is important. Longtime Garden Club of Wilmington member Ashlin Bray says club volunteers teach horticultural skills such as herb gardening and flower arranging to residents at the Baylor Women's Correctional Institution, "We do a lot of community service," says the Haddonfield club's Leone, pointing out that new members are usually assigned an urn to tend along the town's main street, and members also take care of several small gardens in the community, run an annual herb sale, and orchestrate projects at assisted-living facilities.

"We go into the schools and teach children, including special-needs children, how to make floral arrangements for special holidays such as Mother's Day," says the Norristown Garden Club's Meg Gaibiselis, president of the 243-member club, which will celebrate its 100th anniversary in 2013. "We also help kids to enter the PHS Junior Flower Show at EarthFest each spring [at the Temple Ambler

campus], and hold workshops to encourage kids to enter flower shows."

Although some clubs are not affiliated with any parent group, many garden clubs in the region belong either to the Garden Club of America or to National Garden Clubs Inc., a similar but much larger umbrella organization that was founded in 1929 and now includes more than 6,200 clubs.

Membership is a big issue for many clubs, given that members tend to be older, and the majority of clubs meet during the day. That could be changing. Noting that membership is declining a little each year, Shirley S. Nicolai, national president of National Garden Clubs, says that garden clubs need to change the way they think about meeting times and how they meet. She sees a growing trend toward evening and online meetings.

But even with changes in technology and lifestyles, some things remain constant. "I think gardening keeps people young," says Norristown's Gaibiselis. "I expect we will be here another hundred years."

Where to Join!

Although it may be the oldest, having been founded in Philadelphia in 1913, the New York City-based Garden Club of America, with its 200 clubs and about 18,000 members, is one of several national organizations.

National Garden Clubs, Inc., founded in 1929 and now headquartered in St. Louis, Missouri, bills itself as the largest volunteer gardening organization in the world, with almost 200,000 members in more than 6,200 clubs, and hundreds of international affiliates.

The Gardeners of America/ Men's Garden Clubs of America, founded in 1932 and based in Johnston, Iowa, has about 2,800 members in 48 clubs scattered across 17 states. (The Men's Garden Club of Philadelphia is independent.)

The Garden Club of America gcamerica.org

Garden Club Federation of Pennsylvania
pagardenclubs.org

National Garden Clubs Inc. gardenclub.org

The Gardeners of America/ Men's Garden Clubs of America tgoa-mgca.org

Floramity, an unofficial but extensive directory of garden clubs floramity.com/directory_alphabetical.html

The Garden Club of America at 100

In 2013, representatives of GCA's 200 member clubs will celebrate the organization's centennial in Philadelphia, with a focus on trees. As part of that celebration, the 14 GCA clubs of Pennsylvania and Delaware that are hosting the event have undertaken an ambitious beautification project at historic Concourse Lake in Philadelphia's Fairmount Park. Landscaping plans call for hundreds of colorful native trees and shrubs.

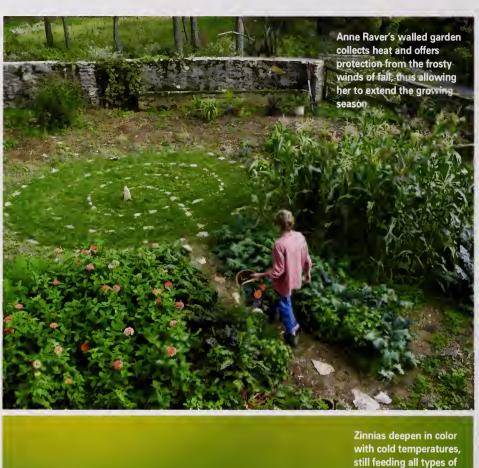


Fall in My By Anne Raver • Photography by Rob Cardillo

'm never in a hurry to "clean up" the garden in autumn, because caterpillars, like the yellow and black striped swallowtail, are often feeding on my dill, fennel, and parsley. And long into the fall and winter, birds are sustaining themselves on the seeds of Joe Pye weed, sunflowers, and zinnias.

The idea that my garden is a food factory for all these insects, birds, and other animals makes it infinitely more valuable to me than some pristine, perfect place, in which everything is yanked out or pruned within an inch of its life.

Nature is messy and so, happily, am I. We don't mow a section of grass outside our barn, because natives like goldenrod, chicory, milkweed, and asters have sprung up. All these plants feed our pollinators and birds. In winter, chickadees stay alive by pecking open the round galls on the goldenrod stems to eat the midges inside.









As hard frost nears, I bring in my potted herbs, setting them in southfacing windows, for an indoor winter supply. I dig up a few parsley plants, taking care not to injure the tap roots, and set them in deep pots with a mix of compost and good potting soil.

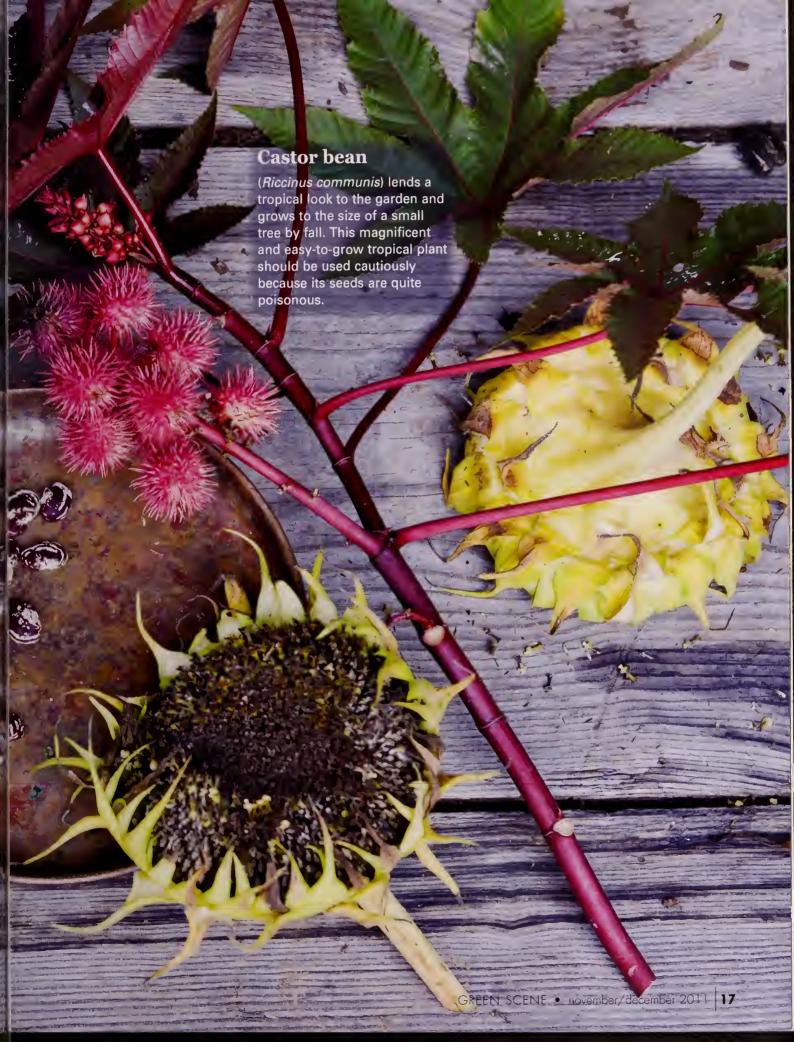
Sometimes, if it's a long, warm fall, basil keeps growing in protected corners of the garden. If I want to freeze the leaves, I'll spray the plants in the morning and let them dry in the sun, then pick the leaves without washing them further, so I can toss them into plastic storage bags for winter meals. It's amazing how green the frozen leaves are when I crumble them into a salad or soup, and they taste almost as good as those just picked from the garden.

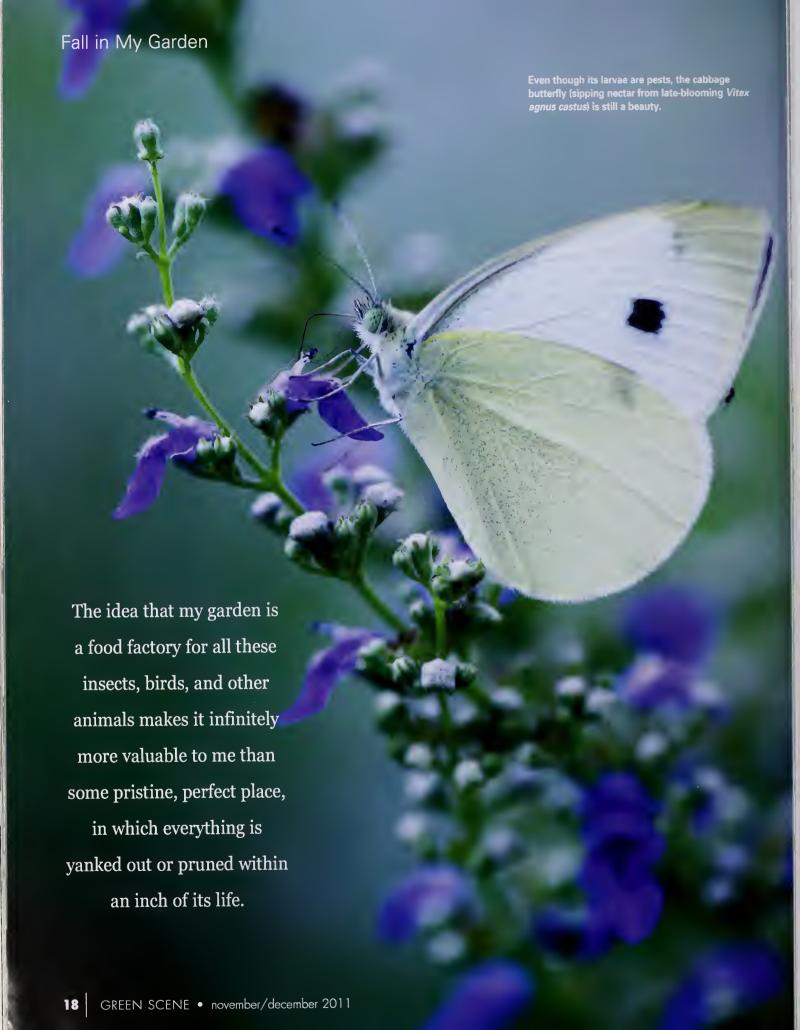
I pull up my fish-pepper plants and hang them upside down, fruits and all, from the rafters in our mudroom, where the peppers dry slowly, out of direct light. These bushy little plants are quite ornamental, with their variegated green and white leaves and green chiles, which have white racing stripes before they ripen and turn fiery red. The fish pepper, so the story goes, was brought to Baltimore by slaves from the West Indies, and its hot, yet mellow flavor-a wine-like after-taste that settles in the back of the mouth—was embraced by Marylanders who still use it in fish chowders today.

If it's a warm fall, and I haven't planted my garlic bulbs, I do that, too, setting each plump clove about three inches into the rich soil and covering the bed with another layer of compost. After the first icy frost, I add a thick laver of clean straw.

Fall is also a time to start seeds of more basil and cilantro. I let them germinate on our radiant heated floor, and then move them into the greenhouse, where they get plenty of light. (The greenhouse is a money pit, keeping the propane heater going at







night when temperatures drop to freezing or below, but drinking that first cup of coffee, looking out at the snow-surrounded by bougainvillea, fragrant geranium, and herbs—can chase the February blues away.)

I also plant winter-hardy greens in our cold frame, made simply of black locust boards, hay bales, and two old paned windows, and by November we begin to eat the thinned seedlings. We eat these greens until the very coldest freeze—and then they start growing again, after the thaw.

Carrots, of course, sweeten with the frost, so as winter nears, we mulch ours with compost and about six inches of clean straw. We dig them in winter until the ground freezes, and then again in the spring.

I fill up my bird feeders again—some just for sunflower seeds and others with a good mix that has no millet, which only attracts the sparrows that bully away shyer songbirds—and make sure the old trough we use for their bird bath is always full and clean. Birds can die of thirst, so it's important to

supply them with water, especially in winter, with either a solar heater, or a willing human to keep it fresh, not frozen.

The pleasure of a late fall garden is partly bittersweet—seeing plants turn color and seed pods dry, and thinking about death and all that. But then the snow and ice makes sculptures of all those dried plants, turning yet another page in the garden. I love to see what's out there—frozen kale leaves poking out of the snow, birds perching on mammoth sunflower stalks.

This is after all, what we all need, the earth included: a resting period, a great sigh and a yawn, and a good night's sleep. Then it starts all over again. 🗪

Anne Raver writes about gardening, landscape design and the environment for the New York Times, Landscape Architecture magazine and other publications. The author of "Deep in the Green: An Exploration of Country Pleasures," she is working on a memoir about returning to her Maryland farm, which has been in her family since 1795.



Mughal/Botanical Gardens Spice/Tea/Coffee Plantations Forest/Jungle Walks

Two Small-Group Departures in 2012 Custom Departures Available

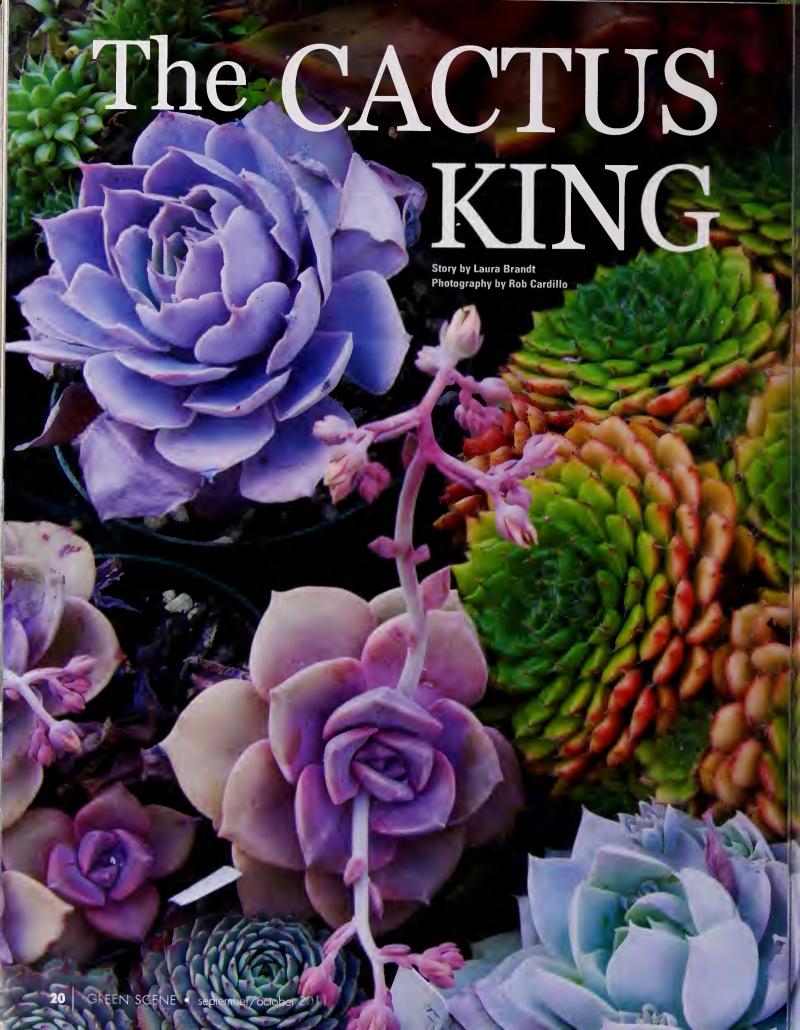
Flower/Vegetable Markets Himalayan/Tropical Flora **Extensive Cultural Sightseeing**

www.fromlosttofoundtravel.com











Visit "Strange Beauties," The PHS Succulent Plant Exhibition! Beginning October 31 at the McLean Library Admission is FREE! Come to the first-ever plant exhibit in the PHS McLean Library, located inside PHS headquarters at 20th & Arch streets in Philadelphia. The free exhibition will feature stunning plants from all over the world, from Mexico to Madagascar. Many of these specimens are being grown by our experts at Meadowbrook Farm. The exhibit offers visitors the opportunity to learn how to grow succulents,

see "green roof" plants, and meet other gardeners who share a passion for

So come visit "Strange Beauties" this fall and enjoy the magic of cacti and

succulents! The show will run through December 2nd. For more information,

call 215-988-8872 or send an email pprown@pennhort.org.

these plants. PHS members can also check out related books and DVDs.

The Cactus King

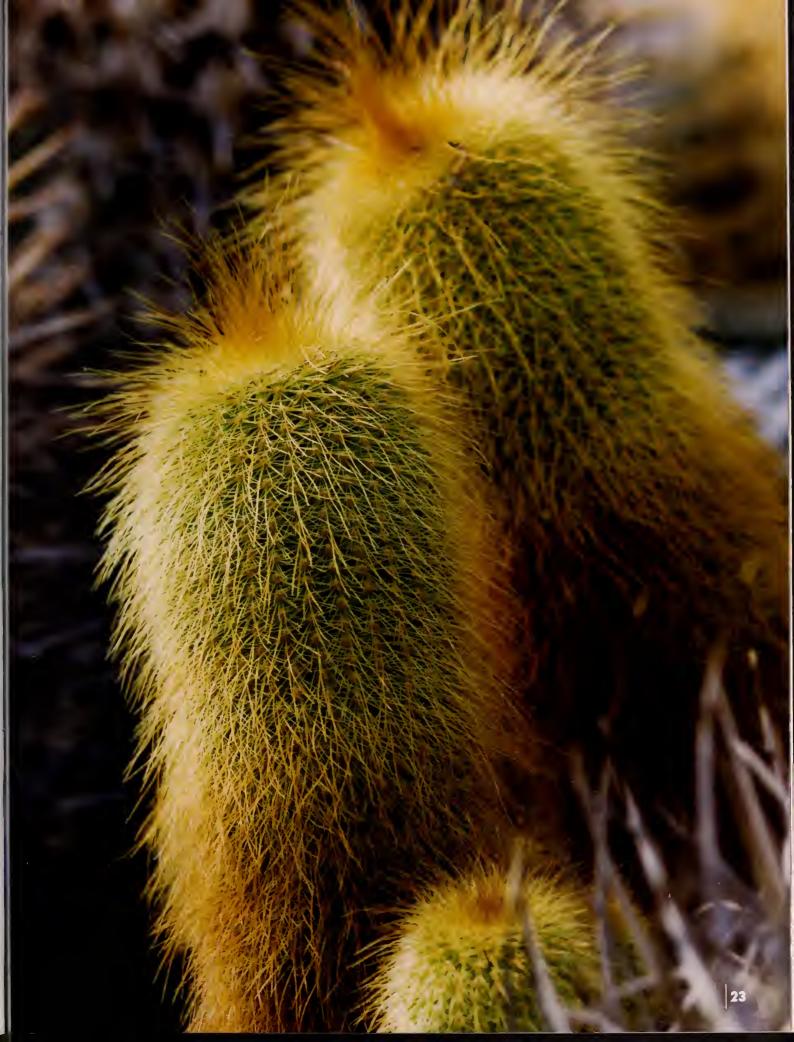
One wonders how a retired obstetrician developed such an interest in plants. "My mother was into plants and belonged to a local garden club," says Barad. "When I was about seven or eight years old, I would board a subway from my Brooklyn home and travel to the Brooklyn Botanic Garden every Saturday morning, which I did for years." Barad enjoyed tending the children's vegetable garden there. He began to do plant research and presented his findings, researching tulip viruses that are associated with the variegation in flower petals. Barad went on to study botany at Cornell University and then served with the U.S. Army Medical Department in India during the Second World War. When it was over, he returned to Cornell as a pre-med student.

After the war, Barad married Bea, who shared his passion for plants. "My wife and I would visit my uncle who had a small greenhouse and a collection of cacti. We were completely taken by the shapes and different forms," he recalls. Barad discovered the Cactus & Succulent Society of America (CSSA) and traveled to his first CSSA convention in Arizona in 1949 (he is a past president). "At that CSSA meeting, my wife and I made lifelong friends. Bea and I were crowned the first king and queen of the society at the convention. That's where I began to collect plants."

Over the years, the Barads enjoyed traveling to exotic places around the globe. "At the Golden Temple in India, we visited a Sikh friend, an orthopedist who let us in through the back door. We were enthralled with his fabulous cactus collection." Other cacti-collecting adventures have included trips to Argentina, Peru, Israel, Canary Islands, Madagascar, Morocco, South Africa, Somalia, Togo, Yemen, Mexico, and many other countries.

When asked why he fell in love with a prickly plant like a cactus, Dr. Barad replies, "When you first see a group of cacti, you notice a tremendous variation in color and form—they're very attractive and they have gorgeous flowers. The flowers are short-lived for only a day or two, but they are beautiful."

Among his collection—which now numbers 8,000 plants—Barad has his favorites, including an aloe that began as a rosette about an 1 1/2 inches in diameter and is now 1 1/2 feet across, sporting hundreds of little rosettes. "This plant is very special. It was sent from South Africa 30 years ago by a very good friend who got it from Professor Gilbert Reynolds, the man who wrote the original book on aloes and collected it in Madagascar."







The Cactus King









Barad has left his legacy in our area by helping build the Philadelphia Cactus and Succulent Society to more than 100 members. "The best way to find out more about cacti is to attend a meeting and ask questions," he says. "We welcome people of all ages." He also has inspired others by sharing his passion through lectures at PHS.

At age 88, that passion has not waned. His awards for exhibits at the Philadelphia International Flower Show are too many to count, and in 2002, he and his wife received the prestigious PHS Certificate of Merit.

Cacti and succulents are perfect for urban plant lovers. "We started growing these in an apartment on a south facing windowsill when I attended medical school," he says. "If you don't have a south-facing window, you can still grow some types on east or north-facing windows. Some plants, such as Haworthia, will grow in lower light conditions." Haworthias are small succulent plants native to South Africa.

If want to purchase a cactus, Barad recommends visiting Meadowbrook Farm's greenhouses in Abington, PA (operated by PHS). Or you can wait until next spring

RESOURCES

Find Great Succulents at Meadowbrook Farm

meadowbrookfarm.org 1633 Washington Lane Abington, PA

Phone: 215-887-5900

Philadelphia Cactus & **Succulent Society**

philacactus.org

Cactus & Succulent Society of America

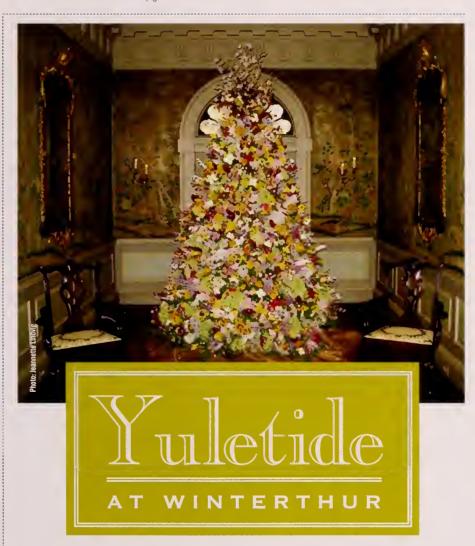
cssainc.org

Cactus & Succulent Plant Mall cactus-mall.com

and purchase one from a Flower Show vendor. Barad sells plants at the Philadelphia Cactus and Succulent Society meetings. "Make sure the plants have good drainage," he warns.

If you're successful at growing cacti, you'll probably want a few more. And then some more. As Dr. Barad will tell you, it's potentially a life-long passion.

Laura Brandt is a Bucks County garden writer.

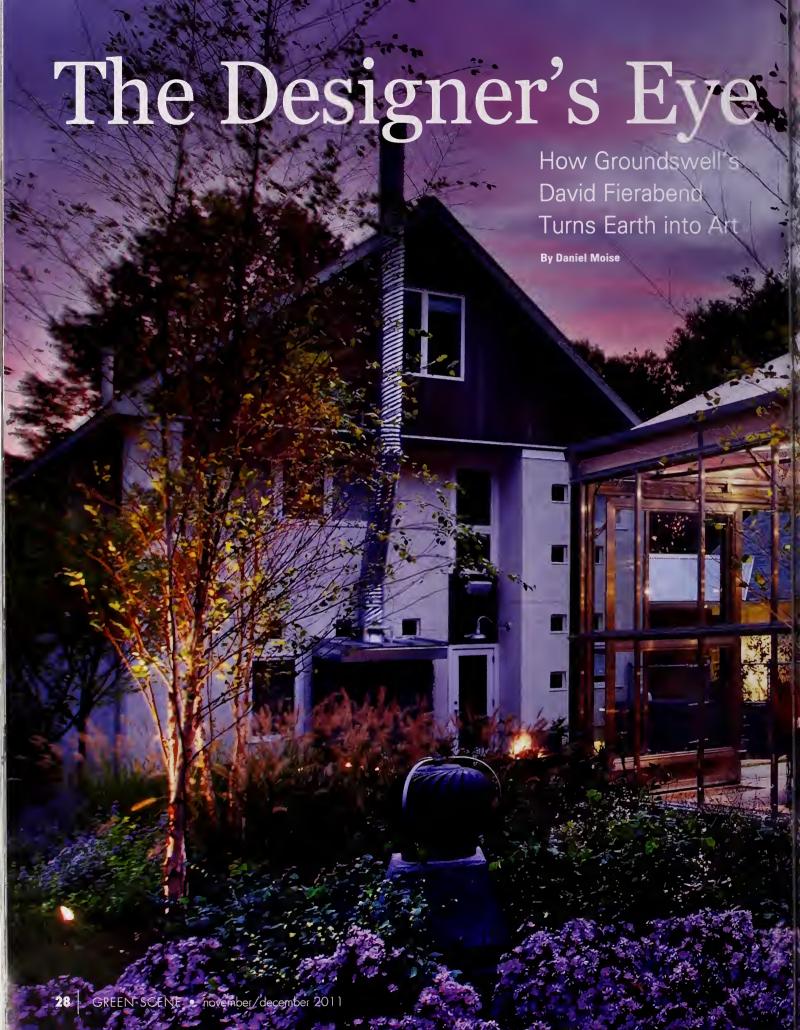


OPEN DAILY FOR HOLIDAY TOURS **NOVEMBER 19-JANUARY 8**

For more information and a full schedule of special events, call 800.448.3883 or visit winterthur.org/yuletide.

Open New Year's Day. Closed Thanksgiving and Christmas Day.

between I-95 and Route I. 800,448,3883 • 302,888,4600 • winterthur.org





The Designer's Eye

AVIO FIERABENO

13 THE OWNER OF

GROUNDSWELL

BED SY GROUP IN NEW JERSEYBASTE FROM THAT PASENTES

DISTRIBUTIVE SAMBEN STATES

THROUGHOUT THE MECNO.

TRAINED AS IX CONDUCTIVE WITH THE WITHE

DV, BE IT A COCY BACKYAND TATIO

TO ALARSES AND INSTINATIONS, SECRETLY

NOTING THAT A LITTLE OF HIS

DESIGN ACCOMENT HURS OFF ON US.



What makes a great designer?

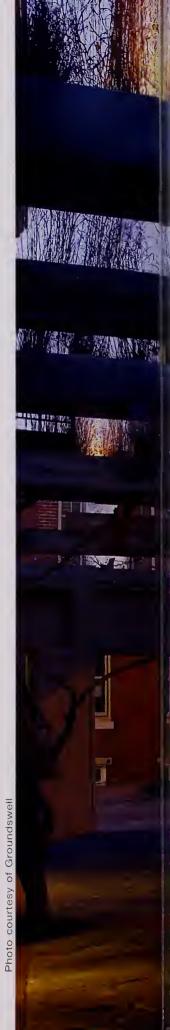
A good designer can put things together nicely. A great designer can think on his or her feet, and assemble something amazing from disparate parts and ideas. Lastly, I secretly think great designers can work with two opposing ideas in their heads at the same time, and still believe in both of them.

What common mistakes do homeowners make?

If you design for the inside of your house, also plan for the outside. I think that neglected but well-intentioned landscapes scream out, "I don't care." Why spend hardearned money making your house wonderful only to have shabby plant material? It takes away from the whole experience.

How important is showmanship in landscape design?

The presentation of an idea is as important as the idea itself, and I think that many landscapers overlook this because they think that simply completing the task is sufficient. But I look at the larger picture and, yes, it's true that landscape design involves a little bit of theater.





The Designer's Eye

How do you balance your personal preferences with the tastes/style of the client?

Well, we are in the service industry, so we always want to put our clients' needs first. They are the ones who live with the space, so it is important for us that they love the work even after we are gone. Landscape design changes over time, so there is a bit of programming for the future that takes place in the planning. And you want it to change in a way that is favorable to the client over the long term. Ultimately, we take cues from the client, but the client usually wants us to do what we do best.

What project are you most proud of?

I love all of our projects, because every single one of them represents a moment in time for our business. If I were pressed to pick one, it would be the greenhouse project in New Hope, PA (photo on pages 28 and 29). The clients were amazing to work with and have become personal friends. That project ushered in a whole-hearted "lifestyle design" path for us. We did all of the landscape design work, but we also designed and built the interior of the greenhouse. We staged the entire space from top to bottom. To be there in the evening, right when the sun is setting, is a magical experience.

Where do you find the art, fountains, and furniture that you use in your work?

We love sourcing out interesting items and we take it seriously. We go far and wide for artifacts. As far as the Internet, I love Remodelista, Design Sponge, Design Milk, farFetchers, Studio G, and Apartment Therapy. In the Philadelphia area, we use Zinc in Lambertville, NJ; the Stock Group in East Falls/Roxborough; Provenance in the Northern Liberties neighborhood; Artefact in New Hope; and Groundworks in North Philly. We also have a pretty wide variety of smaller hobbyists in our area who help us get our hands on fun stuff, too.

Give us one fast, easy design tip.

Personally, I love reusing objects in unexpected ways. You could say my design philosophy is simply, *Repurpose*, *repurpose*, *repurpose*,







The photos here showcase the home of Dr. Larry Dumont, a renowned child psychiatrist. Dr. Dumont was one of Groundswell's first major clients. He gave the Groundswell team carte blanche with the site, and David was able to turn a muddy swamp into formal gardens that contrast with the surrounding Pennsylvania wilderness.

As for the design, David wanted to translate Dr. Dumont's love of folk art into the landscape and envisioned a place with secret outdoor rooms where different elements are continually found anew. Most of the project was done at once, but smaller additions are made every season. It is a site that is perpetually refined. —DM





Floral Design

ORANGE:



Anthurium comes in a variety of sizes, shapes, and colors.

awaii brings us a myriad of colors, from black volcanic lava and blue water to the vibrant hues of sunrises, sunsets, and tropical flowers. This is the first of three articles to welcome the upcoming 2012 Philadelphia International Flower Show, *Hawaii: Islands of Aloha*. Even in our chilly Philly winters, you can elicit a feeling of sunshine and warmth by combining tropical flowers in floral designs, notably *Anthurium*, which comes in a range of toasty orange hues.

The anthurium plant has large, showy, triangular-shaped leaves; a straightstemmed flower with a shiny, heartshaped spathe; and a tail-like part called a spadix. Anthurium andraeanum was discovered in Columbia in 1876 and introduced to Hawaii in 1889. Hawaii is now a center for growing and hybridizing anthurium and has developed the large and dramatic Obake Anthurium, with blossoms over 7 feet long. Another delightful and more delicate variety in the anthurium family is Anthurium amnicola or tulip anthurium. This species comes in a wide variety of colors. It is long lasting and good for both home and Flower Show designs.

Care and handling of anthurium:

Unpack anthurium carefully, re-cut stems and place into fresh, room-temperature water. If flower heads seem dehydrated or soft, submerge the entire head of flower under fresh water for 10 to 20 minutes. Anthurium absorbs water through tiny flowers on the spadix. Remove from water, cut 1/2 inch off bottom of stem, and put stems into water. Mist flowers daily and change water every two days.

Designing with Anthurium

Anthurium holds up well in both home and show designs. The spadix creates a strong directional line, so it is important to turn the flower head to a desirable direction. Anthurium stems are straight and pliable and may be gently bent. Strong contrast and focal areas are created by the shiny, heart-shaped form.



GARDEN COACHING

Personal Consultation and Guidance at Your Private Home, School, Organization Edible and Ornamental Gardens * Lawns

Primex Garden Center 215-887-7500 www.primexgardencenter.com contact: ron@primexgardencenter.com

GARDEN STRUCTURES

GREENHOUSE AND CONSERVATORY **DESIGN & CONSTRUCTION**

Custom Aluminum or Wood 35 Years' Experience Call Robert J. LaRouche at Glass Enclosures Unlimited 610-687-2444

GREEN TECHNOLOGIES

Rainwater Harvesting Systems Capture • Filter • Reuse Please visit our website to learn more www.YourPond.com

> Cedar Run Landscapes 1-800-Landscape

HARDSCAPING

HERITAGE STONE & MARBLE

We are an installation and restoration company who emphasizes long lasting quality with outstanding craftsmanship.

FLAGSTONE, BRICK-patios and walkways. COBBLESTONE-edging and paving, STONE walls, RETAINING walls, MARBLE, GRANITE-floors, walls, countertops.

215-699-5611 Upper Gwynedd, PA

PATIOS & WALKWAYS

Flagstone - Pavers - Brick Robert J. Kleinberg Landscape Design & Construction 610-259-6106 See our work online 100's of pictures at

WWW.KLEINBERG.COM

LANDSCAPE DESIGN

BURKE BROTHERS LANDSCAPE DESIGN/BUILD

Nationally-recognized designs. Experienced staff ensures the integrity of the design from concept to completion.

burkebrothers.com 215-887-1773 610-520-2025

David Brothers Landscape Services Native Plant Nursery

Architects, Builders and Nurserymen Providing the Fine Art of Garden Construction and Landscape Restoration

215-247-2992

610-584-1550

www.davidbrothers.com

LINDA CORSON LANDSCAPE DESIGN

- Consulting
- Plans
- Supervision

Registered Landscape Architect Member ASLA 215-247-5619

MULCH

BALED PINE NEEDLE MULCH

Pick up/Delivery/Spreading service Cedar Run Landscapes Call for brochure 1-800-LANDSCAPE

www.CedarRunLandscapes.com

FLOWERS AND MORE, INC.

Garden Design, Installation & Maintenance PINE-NEEDLE MULCH Wholesale and Retail

610-701-9283

renee52@comcast.net

NURSERIES

RARE & UNUSUAL PLANTS

- Specimen plants Pond plants Bonsai
 - Orchids Hardy cacti Tropicals
- Sculptured trees and shrubs
 Perennials
 - Unique Flower and gift shop.

MUTSCHLERS' FLORIST & RARE PLANTS 1-800-242-9438

www.mutschlers.com

Triple Oaks Nursery & Herb Garden

• Great Plants • Display Gardens • Programs • Franklinville, New Jersey www.tripleoaks.com 856-694-4272 greatplants@tripleoaks.com

Trees

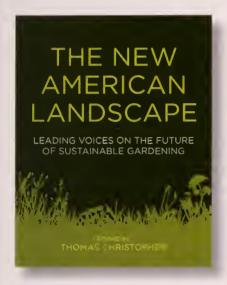
In Ground Specimen Holly Trees 10ft-30ft Fresh Cut Holly, Greens & Arrangements Christmas Trees - Cut When You Come

Indian Orchards

24 Copes Lane - Media 610-565-8387



Books in the PHS McLean Library



The New American Landscape: Leading Voices on the Future of Sustainable Gardening

Edited by Thomas Christopher (256 pp., \$34.95)

reating a backyard haven for yourself and for wildlife is easier than you think. In this new book, thirteen of the leading experts in sustainable gardening show us how to create gardens that enhance, not degrade, our environment. Through the book's concise explanations, colorful images and informative sidebars, we learn how to balance native and exotic plants, create meadow and habitat gardens, and conserve water.

Authors Douglas Tallamy, Rick Darke, John Greenlee, Neil Diboll, Eric Toensmeier, David Wolfe, Elaine Ingham, David Deardorff, Kathryn Wadsworth, Ed Snodgrass, Linda McIntyre, and Toby Hemenway also provide timely tips and sustainable solutions. As editor Thomas Christopher suggests, we can transform the American landscape "one yard at a time." 📣

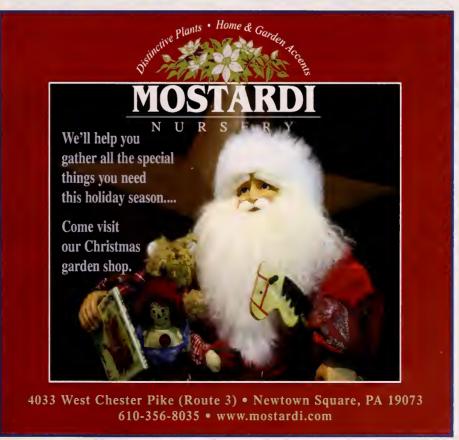
—Laura Brandt

SPRING, SUMMER, OR FALL... YOUR OWN VILLA IN TUSCANY

Weekly rental for up to ten people includes housekeeping and superb home cooking of regional foods. An easy walk to the town of Montisi, the villa property and olive grove is less than an hour from Siena, Pienza, Montepulciano, Montalcino and other Tuscan hill towns. Hiking, relaxing by the infinity pool, and day tripping begin at your front door.

See www.poderecollelungo.com or call 610-633-9446.





The Time to Compost is NOW

By Betsie Blodgett



here's always something new to read about composting—and new ways to read it. Compostology 1-2-3, by Ethne Clarke & the editors of Organic Gardening, is an informative and elegant e-book available for purchase (\$5.99) to download to your iPhone or iPad, Kindle, Nook, or Sony Reader. Therese Ciesinski, managing editor at Rodale, Inc., answers questions about her favorite ways to turn kitchen scraps, grass clippings, and leaves into garden gold. (If you would rather get your information in print, Therese also notes that Rodale has a number of excellent hard-copy books on the subject.)

WHAT IS NEW IN THE WORLO OF COMPOSTING?

On the home front, I think the sheer variety of composters—indoor, outdoor, worms, tumblers, all shapes and sizes of bins, for any size space—is new. The basics of composting haven't changed; organic material gradually breaking down into something that helps the soil.

Also noteworthy is that more municipalities and businesses are composting, and many are making that compost available to residents and employees. At Rodale, (*Organic Gardening* magazine's parent company), food waste is sent to the Rodale Institute, a nonprofit research organization, to be composted and used on the crops grown for the company cafeteria, so it's a complete cycle. I see that happening at schools, towns, and private companies more and more.

WHAT ARE SOME EASY TIPS TO GET PEOPLE TO SAVE THEIR CARROT SCRAPINGS, ZUCCHINI GUTS, ANO OTHER ASSORTEO VEGGIE SCRAPS FOR THE COMPOST PILE, NOT THE TRASH CAN?

I keep a large empty yogurt container next to the sink and put all my food scraps in there. I rinse it out, but when it finally gets too nasty I just toss the container into the recycling and start with a new one. I think there's also a mindset you have to get into about composting: visualizing the reward, the finished compost you'll have for your garden.

WHAT ARE THE BIG MYTHS ABOUT COMPOST PILES?

That they need a lot of attention, that you have to constantly turn the pile (you don't), and that you need special bins or equipment. You can create a compost pile just by stacking materials on the ground. Also, that every animal in a five-mile radius will show up in your backyard and dig through the pile searching for food. If you bury food scraps well enough, animals will leave things alone.

CAN EVERYONE COMPOST? I HAO TO LEAVE MY LOVELY SUBURBAN LEAF PILES WHEN I MOVEO TO AN URBAN ROWHOUSE RECENTLY, ANO I HAVE NO IOEA HOW TO COMPOST IN A NEAR-NONEXISTENT YARO.

Pretty much anyone can, it comes down to a matter of scale. You might be able to tuck a single bin in a corner of your yard or keep a worm bin in a basement. You may not get the volume of compost you might like, but there may be enough for container plants or houseplants, or specific heavy feeders. Or you can make a composter out of a trash can or bag—instructions on how to do that are in the book.

WHAT IS THE BEST THING ABOUT HAVING A COMPOST PILE?

The metaphysical answer is that by composting you're giving back to the earth what came from the earth and doing deliberately what nature does effortlessly. But really, the best thing is making something out of nothing, and it's free!





Save for your grandchild's education, and save on taxes while you're at it.

A tax advantaged way to save.

- Pennsylvania income tax deduction⁽¹⁾
- · Tax exempt growth when used for qualified expenses
- · Special gift tax provisions
- · Pennsylvania inheritance tax exemption

Two Plans to choose from:

- · PA 529 Guaranteed Savings Plan (GSP). A lower risk plan that helps your saings keep pace with rising tuition costs. (2)
- PA 529 Investment Plan (IP). Offers 13 investment options including 3 that are age-based - provided by The Vanguard Group. Last year, investment expenes were lowered by about 30%.

Enroll now and contribute by December 31, 2011, for Pennsylvania tax deduction this year.

Open an account at PA529.com or call 1-800-440-4000 for an enrollment kit.

COLLEGE SAVINGS PROGRAM



FREE ENROLI MENT FOR PA 529 GSP ACCOUNTS **USE CODE: LEGACY**

EXPIRES DECEMBER 31, 2011



The Pennsylvania 529 College Savings Program sponsors two plans-the Guaranteed Savings Plan (GSP) and the Investment Plan (IP). The guarantee of the PA 529 Guaranteed Savings Plan is an obligation of the GSP Fund, not the Commonwealth of Pennsylvania or any state agency. Before investing in either plan, please carefully read that plan's disclosure statement (available at www.PA529.com or by calling 1-800-440-4000) to learn more about that plan including investment objectives, risks, fees, and tax implications.

 $^{(1)}PA$ taxpayers can deduct up to \$13,000 per beneficiary in contributions from Pennsylvania taxable income on their state tax returns. Married couples filing jointly can deduct up to \$26,000 per beneficiary if each spouse has taxable income of at least the amount deducted.

(2) Growth is based on tuition increases





